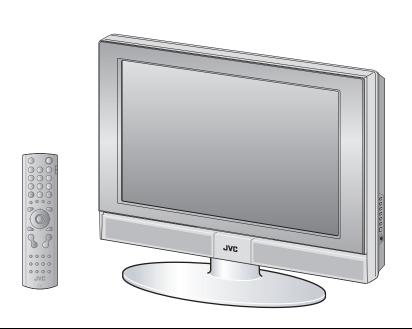
# JVC

## SERVICE MANUAL

WIDE LCD PANEL TELEVISION

LT-32S60AU, LT-32S60AU/P, LT-32S60RU, LT-32S60RU/P, LT-32S60WU, LT-32S60WU/P





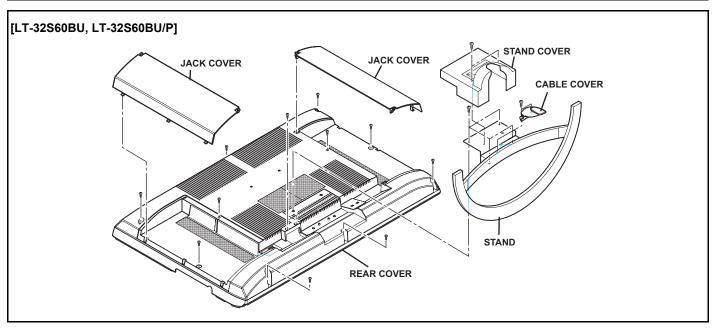
LT-32S60AU, LT-32S60AU/P, LT-32S60RU, LT-32S60RU/P, LT-32S60WU and LT-32S60WU/P are the models whose paint colour and stand ass'y were changed based on LT-32S60BU and LT-32S60BU/P.

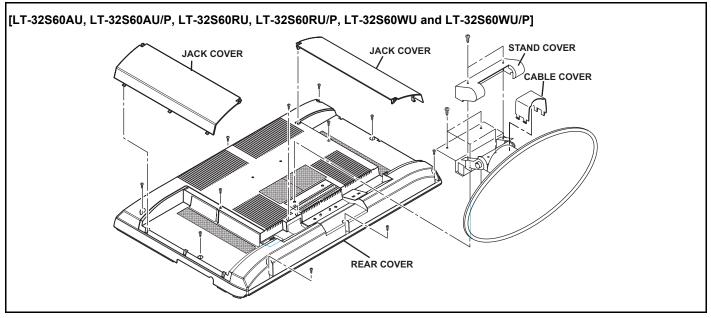
Therefore, this service manual describes only the items which differ from those of the LT-32S60BU and LT-32S60BU/P.

For details other than those described in this manual, please refer to the LT-32S60BU service manual (No.YA296, 2005/6) LT-32S60BU/P service manual (No.YA296B, 2005/6).

### **MAIN DIFFERENCE POINT**

Item	LT-32S60BU LT-32S60BU/P	LT-32S60AU LT-32S60AU/P	LT-32S60RU LT-32S60RU/P	LT-32S60WU LT-32S60WU/P
PAINT COLOUR	BLACK	BLUE	RED	WHITE
STAND TYPE	Boomeranged Stands	Oval Stands	<b>←</b>	<b>←</b>





# **DIFFERENCE LIST**EXPLODED VIEW PARTS LIST-1 (Page 3-3)

$\Lambda$	Ref. No.	Part No.		PART NAME	DESCRIPTION	
		LT-32S60BU	LT-32S60AU	PARTIVAME	DESCRIPTION	
	103	LC21301-069A-U		RATING LABEL	Not supply	
	104	LC21300-048A-U		RATING LABEL	Not supply	
	105	LC32748-005A-H		OPERATION SHEET	Delete	
	106	LC32749-006A-H		OPERATION SHEET	Delete	
	107	GA10054-001A-U	LC41967-005A-C	STAND ASSY	Inc.107A/107B	
	107A	GA30092-001A-U	T0016-02	STAND COVER		
	107B	GA30081-001A-U	T0014-02	CABLE COVER		
	114	LC41999-004A-U		CAUTION LABEL	Delete	
Λ	123	LC33216-001A-U	LC33216-001B-U	CONTROL ASSY		

$\Lambda$	Ref. No.	Part No.		PART NAME	DESCRIPTION
	IXEI. INO.	LT-32S60BU/P	LT-32S60AU/P	FAINTINAMIL	DESCRIPTION
	103	LC21301-070A-U		RATING LABEL	Not supply
	104	LC21300-048A-U		RATING LABEL	Not supply
	105	LC32748-005A-H		OPERATION SHEET	Delete
	106	LC32749-006A-H		OPERATION SHEET	Delete
	107	GA10054-001A-U	LC41967-005A-C	STAND ASSY	Inc.107A/107B
	107A	GA30092-001A-U	T0016-02	STAND COVER	
	107B	GA30081-001A-U	T0014-02	CABLE COVER	
	114	LC41999-004A-U		CAUTION LABEL	Delete
Λ	123	LC33216-001A-U	LC33216-001B-U	CONTROL ASSY	

Λ	Ref. No.	Part No.		PART NAME	DESCRIPTION
	IXEI. INO.	LT-32S60BU	LT-32S60RU	FAINTINAMIL	DESCRIPTION
	103	LC21301-069A-U		RATING LABEL	Not supply
	104	LC21300-048A-U		RATING LABEL	Not supply
	105	LC32748-005A-H		OPERATION SHEET	Delete
	106	LC32749-006A-H		OPERATION SHEET	Delete
	107	GA10054-001A-U	LC41967-004A-C	STAND ASSY	Inc.107A/107B
	107A	GA30092-001A-U	T0016-02	STAND COVER	
	107B	GA30081-001A-U	T0014-02	CABLE COVER	
	114	LC41999-004A-U		CAUTION LABEL	Delete
Λ	123	LC33216-001A-U	LC33216-001B-U	CONTROL ASSY	

lacktriangle	Ref. No.	Part No.		PART NAME	DESCRIPTION
	IXEI. INO.	LT-32S60BU	LT-32S60RU/P	FAINTINAMIL	DESCRIPTION
	103	LC21301-070A-U		RATING LABEL	Not supply
	104	LC21300-048A-U		RATING LABEL	Not supply
	105	LC32748-005A-H		OPERATION SHEET	Delete
	106	LC32749-006A-H		OPERATION SHEET	Delete
	107	GA10054-001A-U	LC41967-004A-C	STAND ASSY	Inc.107A/107B
	107A	GA30092-001A-U	T0016-02	STAND COVER	
	107B	GA30081-001A-U	T0014-02	CABLE COVER	
	114	LC41999-004A-U		CAUTION LABEL	Delete
Λ	123	LC33216-001A-U	LC33216-001B-U	CONTROL ASSY	

Λ	Ref. No.	Part No.		PART NAME	DESCRIPTION
733	IXEI. IVO.	LT-32S60BU	LT-32S60WU	FAINTINAMIL	DESCRIPTION
Λ	101	LC12282-001A-U	LC12282-002A-U	JACK COVER R	
Λ	102	LC12282-001A-U	LC12282-002A-U	JACK COVER L	
	103	LC21301-069A-U		RATING LABEL	Not supply
	104	LC21300-048A-U		RATING LABEL	Not supply
	105	LC32748-005A-H		OPERATION SHEET	Delete
	106	LC32749-006A-H		OPERATION SHEET	Delete
	107	GA10054-001A-U	LC41967-003A-C	STAND ASSY	Inc.107A/107B
	107A	GA30092-001A-U	T0015-01	STAND COVER	
	107B	GA30081-001A-U	T0013-01	CABLE COVER	
Λ	109	LC32760-002A-HK	LC32760-003A-HK	SERVICE COVER	
	114	LC41999-004A-U		CAUTION LABEL	Delete
Λ	115	LC12411-001A-U	LC12411-002A-U	REAR COVER	
Λ	119	LC21734-004A-U	LC21734-005A-U	TUNER BASE	
Λ	121	LC21735-002A-U	LC21735-003A-U	TERMINAL BASE	
	122	QYSBSF3010MA	QYSBSF3010ZA	TAP SCREW	M3 × 10mm (× 3)
$\Lambda$	123	LC33216-001A-U	LC33216-002A-U	CONTROL ASSY	
Λ	130	LC21348-002A-HK	LC21348-003A-HK	POWER CORD HOLDER	
	132	QYSPSPD3008MA	QYSPSPD3008ZA	SCREW	M3 × 8mm (× 3)

Δ	Ref. No.	Par	No.	PART NAME	DESCRIPTION	
213	Rei. No.	LT-32S60BU/P	LT-32S60WU/P	PARTNAME	DESCRIPTION	
$\mathbf{\Psi}$	101	LC12282-001A-U	LC12282-002A-U	JACK COVER R		
$\mathbf{\Lambda}$	102	LC12282-001A-U	LC12282-002A-U	JACK COVER L		
	103	LC21301-070A-U		RATING LABEL	Not supply	
	104	LC21300-048A-U		RATING LABEL	Not supply	
	105	LC32748-005A-H		OPERATION SHEET	Delete	
	106	LC32749-006A-H		OPERATION SHEET	Delete	
	107	GA10054-001A-U	LC41967-003A-C	STAND ASSY	Inc.107A/107B	
	107A	GA30092-001A-U	T0015-01	STAND COVER		
	107B	GA30081-001A-U	T0013-01	CABLE COVER		
$\Lambda$	109	LC32760-002A-HK	LC32760-003A-HK	SERVICE COVER		
	114	LC41999-004A-U		CAUTION LABEL	Delete	
Λ	115	LC12411-001A-U	LC12411-002A-U	REAR COVER		
Λ	119	LC21734-004A-U	LC21734-005A-U	TUNER BASE		
Λ	121	LC21735-002A-U	LC21735-003A-U	TERMINAL BASE		
	122	QYSBSF3010MA	QYSBSF3010ZA	TAP SCREW	M3 × 10mm (× 3)	
$\Lambda$	123	LC33216-001A-U	LC33216-002A-U	CONTROL ASSY		
Λ	130	LC21348-002A-HK	LC21348-003A-HK	POWER CORD HOLDER		
	132	QYSPSPD3008MA	QYSPSPD3008ZA	SCREW	M3 × 8mm (× 3)	

#### **EXPLODED VIEW PARTS LIST-2** (Page 3-5)

102

GA10001-068A-U

GA10027-036A-U

A		Part No.			
Λ	Ref. No.	LT-32S60BU LT-32S60BU/P	LT-32S60AU LT-32S60AU/P	PART NAME	DESCRIPTION
Λ	156	LC12278-003A-U	LC12278-007A-U	FRONT PANEL ASSY	
		Pa	rt No.		
Λ	Ref. No.	LT-32S60BU LT-32S60BU/P	LT-32S60RU LT-32S60RU/P	PART NAME	DESCRIPTION
Λ	156	LC12278-003A-U	LC12278-006A-U	FRONT PANEL ASSY	
		Da	rt No.		
Λ	Ref. No.	LT-32S60BU LT-32S60BU/P	LT-32S60WU LT-32S60WU/P	PART NAME	DESCRIPTION
Λ	156	LC12278-003A-U	LC12278-005A-U	FRONT PANEL ASSY	
PACKING PARTS LIST (Page 3			<u> </u>	DESCRIPTION	
Λ	Ref. No.	LT-32S60BU	LT-32S60AU	PART NAME	DESCRIPTION
	102	GA10027-015A-U	GA10027-039A-U	EURO LABEL	
		Part No.			
Λ	Ref. No.	LT-32S60BU/P	LT-32S60AU/P	PART NAME	DESCRIPTION
	101	GA10002-069A-U	GA10002-072A-U	PACKING CASE	
	102	GA10001-068A-U	GA10027-040A-U	EURO LABEL	
		Part No.			
Λ	Ref. No.	LT-32S60BU	LT-32S60RU	PART NAME	DESCRIPTION
	102	GA10027-015A-U	GA10027-037A-U	EURO LABEL	
		Pa	rt No.		
Λ	Ref. No.	LT-32S60BU/P	LT-32S60RU/P	PART NAME	DESCRIPTION
	102	GA10001-068A-U	GA10027-038A-U	EURO LABEL	
_	<b>-</b>	Pa	rt No.		
Λ	Ref. No.	LT-32S60BU	LT-32S60WU	PART NAME	DESCRIPTION
				PACKING CASE	
	101	GA10002-069A-U	GA10002-073A-U	PACKING CASE	
	101 102	GA10002-069A-U GA10027-015A-U	GA10002-073A-U GA10027-035A-U	EURO LABEL	
	102	GA10027-015A-U		EURO LABEL	
<u></u>		GA10027-015A-U	GA10027-035A-U		DESCRIPTION

EURO LABEL

### SECTION 1 PRECAUTION

Please refer to "LT-32S60BU (No.YA296)" about this section.

### SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

Please refer to "LT-32S60BU (No.YA296)" about this section.

### SECTION 3 DISASSEMBLY

Please refer to "LT-32S60BU (No.YA296)" about this section.

### SECTION 4 ADJUSTMENT

Please refer to "LT-32S60BU (No.YA296)" about this section.

### SECTION 5 TROUBLESHOOTING

Please refer to "LT-32S60BU (No.YA296)" about this section.

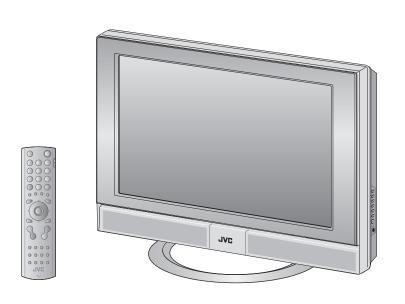


# JVC

# SERVICE MANUAL

WIDE LCD PANEL TELEVISION

# LT-26S60BU, LT-26S60SU, LT-32S60BU, LT-32S60BU





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1	PRECAUTION	. 1-3
2	SPECIFIC SERVICE INSTRUCTIONS	. 1-6
3	DISASSEMBLY	1-11
4	ADJUSTMENT	1-18
5	TROUBLESHOOTING	1-25

#### **SPECIFICATION**

		Contents			
Item	s	LT-26S60BU LT-26S60SU	LT-32S60BU LT-32S60SU		
Dimensions ( W × H × D )		70.3 cm $\times$ 53.7 cm $\times$ 22.5 cm [Included stand] 70.3 cm $\times$ 48.3 cm $\times$ 10.7 cm [TV only]	80.8 cm × 61.1 cm × 22.5 cm [Included stand] 80.8 cm × 55.9 cm × 10.8 cm [TV only]		
Mass		17.0 kg [Included stand] 13.0 kg [TV only]	20.0 kg [Included stand] 16.4 kg [TV only]		
Power Input		AC110V - AC240 V, 50 Hz / 60 Hz			
Power Consumption		118 W (Standby: 2.6 W)	141 W (Standby: 2.6 W)		
TV RF System		CCIR B/G, I, D/K, L			
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43	(NTSC: EXT only).		
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K, L)			
Teletext System		FLOF (Fastext), TOP, WST (World Stan-	dard System)		
Receiving Frequency	UHF	47MHz to 470MHz 470MHz to 862MHz 116MHz to 172MHz / 220MHz to 469MH	łz		
Intermediate Frequency		38.9MHz(B/G, D/K, I) 33.4MHz(5.5MHz:B/G) / 32.9MHz(6.0MH	Hz:I) / 32.4MHz(6.5MHz:L,D/K)		
Colour Sub Carrier Frequency	SECAM	L 4.43MHz 4.40625MHz / 4.25MHz C 3.58MHz / 4.43MHz			
LCD panel		26V-inch wide aspect (16 : 9)	32V-inch wide aspect (16 : 9)		
Screen Size		Diagonal: 66 cm (H: 57.6 cm × V: 32.4 cm) Diagonal: 80 cm (H: 69.7 cm × V: 39.2 cm)			
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)			
Audio Power Output		10 W + 10 W			
Speaker		6.6 cm, round type ×2 (Oblique corn)			
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial			
EXT-1 / EXT-2 (Input / Out	put)	21-pin Euro connector (SCART socket ) × 2			
EXT-3 (Input)	Video	Mini-DIN 4 pin $\times$ 1 Y: 1 V (p-p), Positive (Negative sync pro C: 0.286 V (p-p) (Burst signal), 75 $\Omega$ 1 V (p-p), Positive (Negative sync provid 500 mV (rms), High impedance, RCA pin	ed), 75 $\Omega$ , RCA pin jack $\times$ 1		
EXT-4 (Input)	750p / 1125i 625p / 525p / 625i / 525i	Peo RCA pin jack $\times$ 3 Y: 1 V (p-p) (Sync signal: $\pm 0.35$ V(p-p), 3-value sync.), $75\Omega$ Pb/Pr: $\pm 0.35$ V(p-p), $75\Omega$ Y: 1 V (p-p), Positive (Negative sync provided), $75\Omega$ Cb/Cr: $0.7$ V(p-p), $75\Omega$			
HDMI Input		deo HDMI connector × 1 (Digital-input terminal is not compatible with picture signals of computer signal Digital: HDMI connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2			
PC (RGB) Input		D-sub 15 pin $\times$ 1 R/G/B : 0.7 V (p-p), 75 $\Omega$ HD / VD : 1 V (p-p) to 5 V (p-p), high impedance < Available signal > VGA : 640 pixels $\times$ 480 pixels (Horizontal : 31.5 kHz / Vertical : 60 Hz) XGA : 1024 pixels $\times$ 768 pixels (Horizontal : 48.4 kHz / Vertical : 60 Hz)			
Audio output		500 mV (rms), Low impedance, RCA pin 3.5 mm stereo mini jack × 1	Jack × Z		
Headphone  Romoto Control Unit		1			
Remote Control Unit		RM-C1813H (AA/R6 dry cell battery × 2)			

Design & specifications are subject to change without notice.

### SECTION 1 PRECAUTION

#### 1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (  $\Delta$  ) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.

Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( $\perp$ ) side GND, the ISOLATED (NEUTRAL) : ( $\stackrel{\bot}{=}$ ) side GND and EARTH : ( $\stackrel{\textcircled{}}{=}$ ) side GND.

- Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

#### (6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

#### a) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

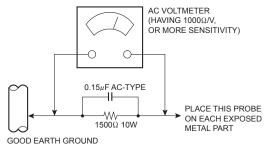
#### b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

#### **Alternate Check Method**

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having  $1000\Omega$  per volt or more sensitivity in the following manner. Connect a  $1500\Omega$  10W resistor paralleled by a  $0.15\mu F$  AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

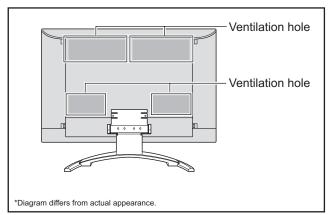
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



#### 1.2 INSTALLATION

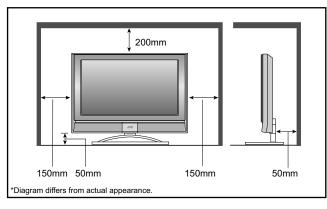
#### 1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.



#### 1.2.2 INSTALLATION REQUIREMENTS

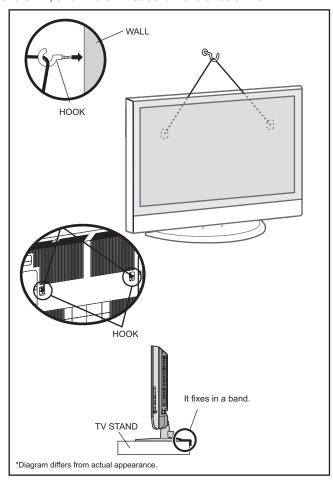
Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.Install the unit on stable flooring or stands.Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.



#### 1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

Tie commercially available tough cord(s) to the hooks in the back of the TV, and fix the TV to solid walls or columns.



#### 1.2.4 NOTES ON HANDLING

- (1) WHEN TAKING UNIT OUT OF A PACKING CASE When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.
- (2) AS FOR PRESSING OR TOUCHING A SPEAKER Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

#### 1.3 HANDLING LCD PANEL

#### 1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

- (1) USE A SPECIAL PACKING CASE FOR THE LCD PANEL When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.
- (2) ATTACH PROTECTION SHEET TO THE FRONT Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.
- (3) AVOID VIBRATIONS AND IMPACTS
   The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.
- (4) DO NOT PLACE EQUIPMENT HORIZONTALLY Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

#### 1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

#### 1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

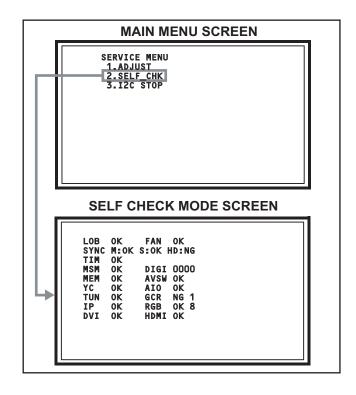
- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

### SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

#### 2.1 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

- (1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
- (2) When the Main Menu is displayed, press [2] key to enter the self check mode.
- (3) Turn off the power by pressing the [POWER] key on the remote control unit.



#### 2.2 FEATURES

#### D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

#### **COLOUR MANAGEMENT**

This function ensures dull colours are compensated to produce natural hues.

#### **PICTURE MANAGEMENT**

This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

#### ZOOM

This function can change the screen size according to the picture aspect ratio.

#### **DIGITAL VNR**

This function cuts down the amount of noise in the original picture.

#### **SUPER DIGIPURE**

This function uses the latest in digital technology to give you a natural-looking picture.

#### **MOVIE THEATRE**

This function displays a cinema film picture more smoothly and naturally on the screen.

#### **3D CINEMA SOUND**

You can enjoy sounds with a widerambience.

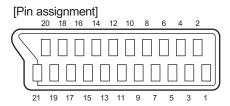
#### 2.3 MAIN DIFFERENCE LIST

Item	LT-26S60BU	LT-26S60SU	LT-32S60BU	LT-32S60SU
FRONT PANEL COLOUR	BLACK	SILVER	BLACK	SILVER
LCD PANEL UNIT	QLD0370-001	←	QLD0371-001	←
DIGITAL SIGNAL PWB	SFL0D236A-U2	←	SFL0D235A-U2	←

#### 2.4 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

Pin No.	Signal designation	Matching value	EXT-1	EXT-2
1	AUDIO R output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal), High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal), High impedance	Used (L1)	Used (L2)
7	B input	700mV <sub>(B-W)</sub> , 75Ω	Used	Used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL / T-V LINK		Not used	Used (SCL2 / TV-LINK)
11	G input	700mV <sub>(B-W)</sub> , 75Ω	Used	Used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	$\begin{array}{l} \text{R}: 700\text{mV}_{\text{(B-W)}}, 75\Omega \\ \text{C}: 300\text{mV}_{\text{(P-P)}}, 75\Omega \end{array}$	Used (R)	Used (C2/R)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	$1V_{(P-P)}$ (Negative sync), $75\Omega$	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	$1V_{(P-P)}$ (Negative sync), $75\Omega$	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)



#### 2.5 TECHNICAL INFORMATION

#### 2.5.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

#### 2.5.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications			
iteiii	26V-inch	32V-inch		
Maximum dimensions ( $W \times H \times D$ )	626.0 mm × 373.0 mm × 51.0 mm	760.0 mm × 450.0 mm × 50.0 mm		
Weight	4.7 kg	7.5 kg		
Effective screen size	Diagonal: 660 mm (H: 576 mm × V: 324 mm)	Diagonal: 800 mm (H: 697 mm × V: 392 mm)		
Aspect ratio	16:9			
Drive device / system	a-Si-TFT active matrix system			
Resolution	Horizontally 1366 × Vertically 768 × RGB < W-X	XGA > 3147264 dots in total		
Pixel pitch (pixel size)	Horizontally: 0.4215 mm Vertically: 0.4215mm	Horizontally: 0.51075 mm Vertically: 0.51075 mm		
Displayed colour	16777216 colours 256 colours for R G and B			
Brightness	500cd/m2			
Contrast ratio	800 : 1	1000 : 1		
Response time	8ms			
View angle	Horizontally: 170° Vertically: 170°			
Surface polarizer	Anti-Glare type Low reflective coat			
Colour filter	Vertical stripe			
Backlight	U-type Cold cathode fluorescent lamp × 8 Direct-type Cold cathode fluorescen			
Power supply voltage in LCD	6.5 V			
Power supply voltage in inverter	26.4 V	25.2 V		
Panel interface system	LVDS (Low Voltage Differential Signaling)			

#### 2.5.1.2 **PIXEL FAULT**

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

#### **■ BRIGHT FAULT**

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

#### **■ DARK FAULT**

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting. For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

#### **■ FLICKER FAULT**

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

#### 2.5.2 MAIN CPU PIN FUNCTION [IC7501 : DIGITAL SIGNAL PWB]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	TCK	1/0	Test purpose	65	D2		Program ROM data for main CPU
2	TMS	Ė	Test purpose	66	D12		Program ROM data for main CPU
3	TDI	H	Test purpose	67	D10		Program ROM data for main CPU
4	TDO	0	Test purpose	68	VSS33	-	GND
5	P2.8	0	Not used	69	VDD33	Ī	3.3V
6	P2.9	0	Blue for OSD	70	D4		Program ROM data for main CPU
	P2.10	0	Blue for OSD	71	D3		Program ROM data for main CPU
8	P2.10 P2.11	0	Blue for OSD	71	D11		Program ROM data for main CPU
9						_	
	P2.12	0	Blue for OSD	73	RSTIN	1	Reset
	P2.13	0	Blue for OSD	74	POWER	0	Sleep state release for chassis CPU [Relese : L]
11	P2.14	1	Not used	75	P3.1	0	Not used
	P2.15	0	Request for chassis CPU communication	76	REMOCON	1	Remote control
13	VSS33	-	GND	77	P3.3		Clock for OSD
14	VDD33	ı	3.3V	78	P3.4	0	Red for OSD
15	P4.5	0	Not used	79	P3.5	0	Red for OSD
	A20	0	Program ROM address for main CPU	80	P3.6	0	Red for OSD
	A19	0	Program ROM address for main CPU	81	P3.7	0	Red for OSD
	A18	0	Program ROM address for main CPU	82	MTST	0	Data transmission for chassis CPU communication
	A17	0	Program ROM address for main CPU	83	MTSR	- 1	Data receive for chassis CPU communication
20	VSS25	-	GND	84	VSS33	-	GND
21	VDD25	I	2.5V	85	VDD33	I	3.3V
22	A16	0	Program ROM address for main CPU	86	VSS25	-	GND
	A8	0	Program ROM address for main CPU	87	VDD25	ı	2.5V
24	A7	0	Program ROM address for main CPU	88	TXD0	0	Communication for adjustment
25	A9	0	Program ROM address for main CPU	89	RXD0	0	Communication for adjustment
26	A6	0	Program ROM address for main CPU	90	P3.12	0	Red for OSD
27	A5	0	Program ROM address for main CPU	91	CLK	0	Clock for chassis CPU communication
28	A10	0	Program ROM address for main CPU	92	P3.15	0	Green for OSD
29	A11	0	Program ROM address for main CPU	93	P5.14	0	Green for OSD
30	A12	0	Program ROM address for main CPU	94	P5.15	0	Green for OSD
31	VSS33	-	GND	95	TRIG IN	0	Green for OSD
32	VDD33	1	3.3V	96	TRIG_OUT	0	Green for OSD
	A4	0	Program ROM address for main CPU	97	P6.2	0	Green for OSD
	A3	0	Program ROM address for main CPU	98	P6.3	_	I <sup>2</sup> C bus clock (for main memory)
	A2	0	Program ROM address for main CPU	99	P6.4		I <sup>2</sup> C bus Data (for main memory)
	A1	0	Program ROM address for main CPU	100	P6.5		Teletext signal select [Analog RGB : H / Digital RGB : L]
	A0	0	Program ROM address for main CPU	101	IRQ	0	Not used
38	A13	0	Program ROM address for main CPU	102	VSYNC	ī	Vertical sync
39	ARAS/A14	0	Program ROM address for main CPU	103	HSYNC	i	Horizontal sync
40	CAS/A15	0	Program ROM address for main CPU	104	COR/RSTOUT	0	Not used
	VSS33	-	GND	105	BLANK	0	Ys for OSD / Teletext
42	VDD33		3.3V	103	VDD33	ī	3.3V
42	MEMCLK	0	Clock for memory	106	VSS33	-	GND
		-				-	
44	CLKEN	0	Chip select for memory	108	XTAL1	1	6MHz for system clock
45	CLKEN	0	Clock enable for memory	109	XTAL2	0	6MHz for system clock
46	CSROM	0	Chip select for memory	110	VSSA	-	GND
47	RD	0	Read for memory	111	VDDA	1	2.5V
	UDQM	0	Control buffer of memory	112	R	0	R for OSD / Teletext
	LDQM	0	Control buffer of memory	113	G	0	G for OSD / Teletext
50	WR	0	Write for memory	114	В	0	B for OSD / Teletext
	D15	I/O	Program ROM data for main CPU	115	VSSA	-	GND
52	VSS33	-	GND	116	VDDA	ı	2.5V
53	VDD33	ı	3.3V	117	CVBS2	1	Video for Teletext
54	D7	I/O	Program ROM data for main CPU	118	VSSA	-	GND
55	D0	I/O	Program ROM data for main CPU	119	VDDA	I	2.5V
56	D14	I/O	Program ROM data for main CPU	120	CVBS1B	I	Video for Teletext
57	D8	I/O	Program ROM data for main CPU	121	CVBS1A	I	Video for Teletext
58	D6	I/O		122	VSSA	-	GND
	D1	I/O	Program ROM data for main CPU	123	VDDA	I	2.5V
60	VSS33	-	GND	124	KEY1	ı	Key scan data 1 [ON : H]
61	VDD33	1	3.3V	125	KEY2	i	Key scan data 2 [ON : H]
62	D13	1/0	Program ROM data for main CPU	126	MECA SW	i i	Main power ON / OFF control [ON : L]
63	D13		Program ROM data for main CPU	127	P5.3	i	Not used
	D5		Program ROM data for main CPU	128	TMODE	<u> </u>	
04	טע	I/U	Frogram Row data for maill GPU	120	LINIODE		Test purpose

### 2.5.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LB_PRO	0	Not used	51	BS_TXD	0	Data transmission for digital tuner communication
2	P_MU	0	Picture muting [Muting = H]	52	BS_RXD	- 1	Data receive for digital tuner communication
3	JP_CSB	0	Not used (NC)	53	NC	0	Not used (NC)
4	A_MU	0	Audio muting [Muting = H]	54	VREF+	ı	3.3V power supply
5	M_MU	0	Audio muting (for AUDIO OUT) [Muting = H]	55	PDP_TX	0	Data transmission for SUB (DRIVE) CPU communication
6	PC_SEL	0	RGB(PC) INPUT select	56	PDP_RX	ı	Data receive for SUB (DRIVE) CPU communication
7	ON_TIMER	0	POWER INDICATOR (LED) brightness [LOW = L]	57	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
8	ILA0	0	LCD back light lighting	58	SCL0	0	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
9	ILA1	0	LCD panel overshoot refresh timing	59	SDA_DVI	I/O	Not used: Data for Inter IC (serial) bus for panel communication
10	ILA2	0	Not used	60	SCL_DVI	0	Not used: Clock for Inter IC (serial) bus for panel communication
11	POW_LED	0	POWER LED lighting [ON = H]	61	AVSS	-	GND
12	WORD	0	Not used	62	DIGII_PHOT	ı	Not used: Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	ı	Clock for main CPU communication	63	AGC	I	Not used
14	MI_TX	I	Data receive for main CPU communication	64	EXT_YS1	ı	Not used
15	MI_RX	0	Data transmission for MAIN CPU communication	65	EXT_YS2	I	Not used
16	MI_REQ	0	Data request for main CPU communication [Request = L]	66	VDD	-	3.3V power supply
17	VDD	I	3.3V power supply	67	DIGI_PRO	0	Not used : For DIGITAL-IN (HDMI)
18	FOSC	0	Not used (NC)	68	GCR_RST	0	Not used (NC)
19	VSS	-	GND	69	GR_ON	0	Not used (NC)
20	X1	ı	Not used : Low speed oscillatior	70	SYNC_SEL	0	Not used : Sync select for digital tuner
21	X0	0	Not used: Low speed oscillatior	71	NC	0	Not used (NC)
22	VDD	ı	3.3V power supply	72	NC	0	Not used (NC)
23	OSC1	ı	System clock osillation (crystal): 16MHz	73	SBD5	I/O	Not used: Data for writing on board (connect CN01P: for Frash ROM type)
24	OSC0	0	System clock osillation (crystal) : 16MHz	74	SBT5	ı	Not used: Clock for writing on board (connect CN01P: for Frash ROM type)
25	MODE	ı	Single chip mode	75	NMI	ı	3.3V power supply
26	BS1.5CTL	0	Digital tuner power / reset control	76	COMP	I	Not used: AV COMPULINK III control
27	A92RES	0	Reset for IC1001(3D YC SEP / COLOUR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	0	Reset for Digital tuner power / reset control	78	VSYNC	Ι	V. sync pulse
29	LIP_RST	0	Reset for Sound delay (Lip sync)	79	WAKE	ı	Reset for sub(chassis) CPU
30	SOFT_OFF	0	Not used	80	POWERGOOD	ı	Power error detection [NG = H]
31	VMUTE	ı	Picture muting request from digital tuner	81	NC	0	Not used (NC)
32	VOUTENB	0	Video cutoff for digital tuner	82	RST	- 1	Reset for MAIN CPU [Reset = L]
33	MDR_CON	ı	Not used: System cable connection monitor for PDP	83	VDD	_	3.3V power supply
34	AVDD	ı	3.3V power supply	84	SCL3A	0	Clock for Inter IC (serial) bus control
35	BS_POW	0	Digital tuner power control	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	0	Sync select for DIGITAL-IN [Cotrolled with 99-pin]	86	SCL3B	0	Clock for Inter IC (serial) bus control
37	LB_POW	0	Power control for low bias line	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	0	Not used (NC)	88	DIGI_SYNCSEL	0	Not used
39	HOTPLUG	I	Not used : Video communiation monitor for receiver unit (PDP)	89	DIGI_LRSW	0	Not used: For DIGITAL-IN (HDMI)
40	MECA_SW	I	Mechanical monitor for POWER switch [Push = L]	90	DIGI_INT	Ι	Not used : Reset for HDMI process [Reset = L]
41	MAIN_POW	0	Main power control [ON = L]	91	DVI_RST	0	Not used: Reset for DVI format conversion
42	MSP_RST	0	AUDIO OUT output mode select [VARIABLE = L]	92	VSS	-	GND
43	VREF-	I	Not used	93	SCL5055	0	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
44	AFT2	I	Not used: AFT voltage for sub tuner	94	VFORMATSEL	0	Digital tuner clock control
45	AFT1	I	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
46	KEY2	ı	Key scan data for front switch (MENU/CH+/CH-)	96	OSD_MODE_SEL	0	Not used: OSD mode select
47	KEY1	I	Key scan data for front switch (VOL+/VOL-)	97	NC	0	Not used (NC)
48	NC	0	Not used (NC)	98	15K/OTH	0	Main video select [Fixed = H]
49	NC	0	Not used (NC)	99	DsyncSW1	0	Not used: Sync select for DIGITAL-IN [Cotrolled with 36-pin]
50	AC_IN	ı	AC power pulse for timer clock	100	57 BUSY	I	Busy monitor for JCC5057 (New DIST process)

### SECTION 3 DISASSEMBLY

#### 3.1 DISASSEMBLY PROCEDURE

#### **CAUTION AT DISASSEMBLY:**

- Be sure to perform the SYSTEM SETTEING, at the end of the procedure.
- Make sure that the power cord is disconnected from the outlet.
- · Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers)
  makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

#### 3.1.1 REMOVING THE STAND (Fig.1)

- (1) Remove the 2 screws [A], then remove the STAND COVER.
- (2) Remove the 2 screws [Z], then remove the CABLE COVER.
- (3) Remove the 4 screws [B], then remove the STAND.

#### 3.1.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.
  - (1) Remove the JACK COVER (L/R).
  - (2) Remove the 7 screws [C], the 4 screws [D], and the 1 screw [E].
  - (3) Remove the REAR COVER.

#### 3.1.3 REMOVING THE REGULATOR PWB (Fig.1)

- Remove the STAND.
- · Remove the REAR COVER.
  - (1) Remove the 4 screws [F], then remove the FAN BRACKET.
  - (2) Remove the 1 screw [G], then remove the POWER CORD HOLDER.
  - (3) Remove the POWER CORD from the POWER PWB.
  - (4) Remove the REGULATOR PWB.

#### 3.1.4 REMOVING THE POWER PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
  - (1) Remove the 4 screw [H], then remove the POWER PWB.

#### 3.1.5 REMOVING THE ANALOG SYGNAL PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
- Remove the FAN BRACKET.
  - (1) Remove the 3 screws [J] then remove the TERMINAL BASE.
  - (2) Remove the 5 screws **[K]** and the 2 screws **[Z]**, then remove the ANALOG SYGNAL PWB.

#### 3.1.6 REMOVING THE FRONT CONTROL PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
  - (1) Remove the 3 screws [M], then remove the CONTROL ASSY with the FRONT CONTROL PWB.
  - (2) Remove the FRONT CONTROL PWB.

#### 3.1.7 REMOVING THE RECEIVER PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
  - (1) Remove the 3 screws [U] and the 1 screw [X], then remove the TUNER BASE.
  - (2) Remove the 4 screws [O], then remove the RECEIVER PWB.

#### 3.1.8 REMOVING THE CONNECTOR PWB (Fig.1)

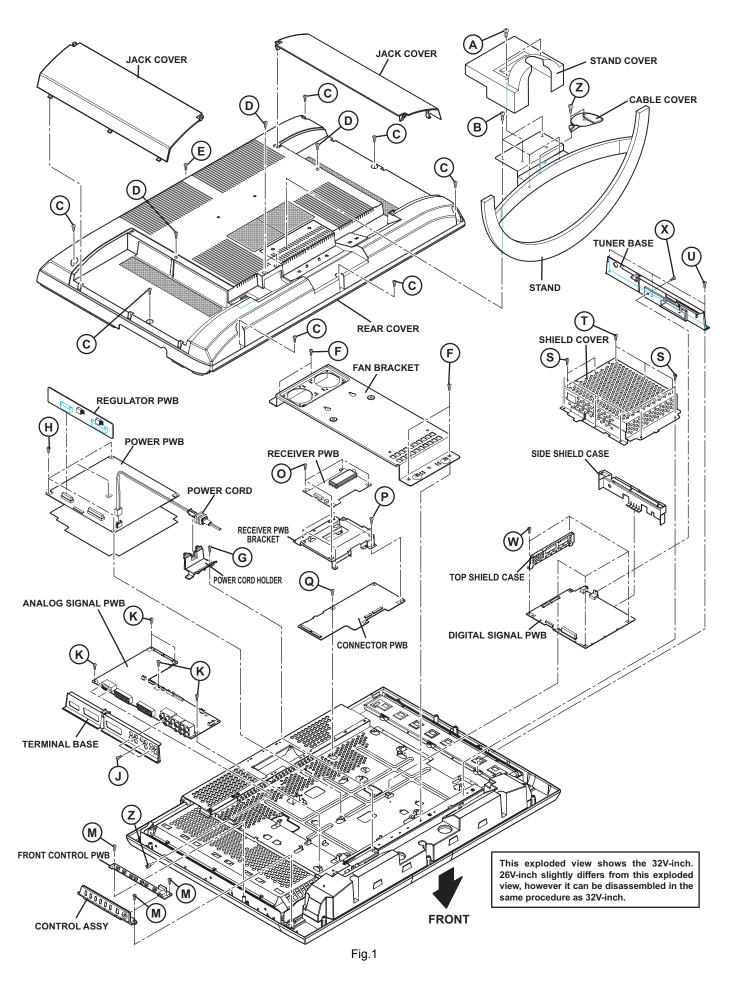
- · Remove the STAND.
- · Remove the REAR COVER.
  - (1) Remove the 4 screws [P], then remove the RECEIVER PWB BRACKET.
  - (2) Remove the 1 screw [Q], then remove the CONNECTOR PWB.

#### 3.1.9 REMOVING THE DIGITAL SIGNAL PWB (Fig.1)

- Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TUNER BASE.
  - (1) Remove the 3 screws **[T]** and the 7 screws **[S]**, then remove the SHIELD COVER.
  - (2) Remove the 5 screws [W], then remove the DIGITAL SIGNAL PWB

#### **CAUTION:**

Make sure to perform the "SYSTEM SETTING", when DIGITAL SIGNAL PWB is replaced.



#### 3.1.10 REMOVING THE SPEAKER (Fig.2)

- · Remove the STAND.
- · Remove the REAR COVER.
  - (1) Remove the 7 screws [A], then remove the SPEAKER BOX.
  - (2) Remove the 4 screws [B], then remove the SPEAKER (L/R).
  - (3) Remove the 8 screws [C], then remove the DUCT(L/R).

#### NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

#### 3.1.11 REMOVING THE LCD PANEL UNIT (Fig.2)

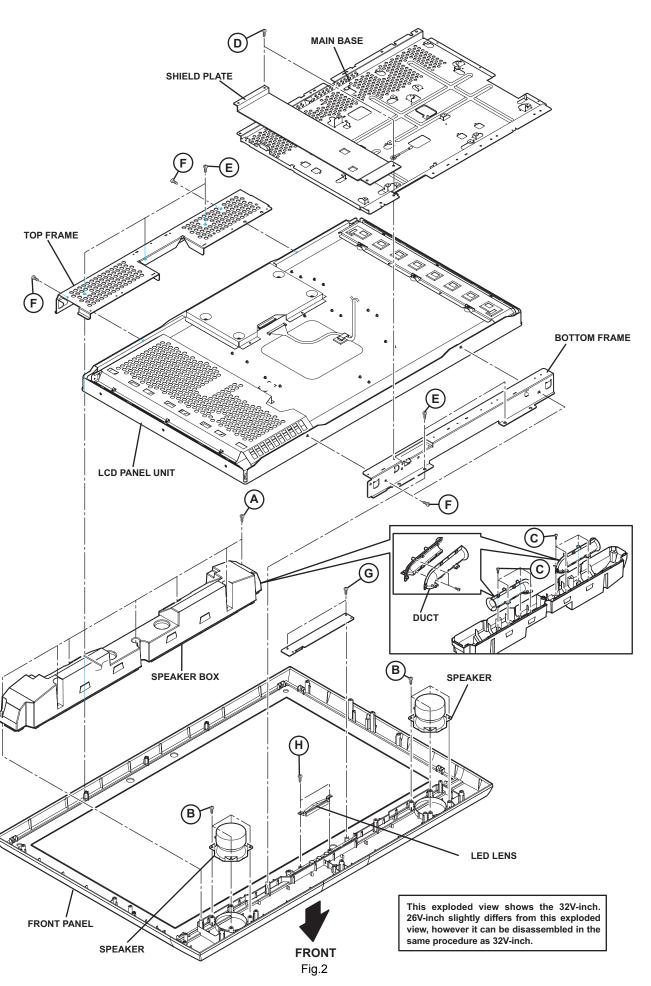
- · Remove the STAND.
- Remove the REAR COVER.
- · Remove the FAN BRACKET.
  - (1) Remove the 2 screws [D], then remove the MAIN BASE.
  - (2) Remove the 5 screws **[E]**. then remove the LCD PANEL UNIT with the TOP FRAME and BOTTOM FRAME.
  - (3) Remove the 4 screws **[F]**. then remove the TOP FRAME and BOTTOM FRAME from the LCD PANEL UNIT.

#### 3.1.12 REMOVING THE FRONT LED PWB (Fig.2)

- Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
  - (1) Remove the 2 screws [G], then remove the FRONT LED PWR

#### 3.1.13 REMOVING THE LED LENS (Fig.2)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
  - (1) Remove the 2 screws [H], then remove the LED LENS.



#### 3.2 MEMORY IC REPLACEMENT

- · This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

#### 3.2.1 MEMORY IC REPLACEMENT PROCEDURE

#### 1. Power off

Switch off the power and disconnect the power plug from the AC outlet.

#### 2. Replace the memory IC

Be sure to use the memory IC written with the initial setting values.

#### 3. Power on

Connect the power plug to the AC outlet and switch on the power.

#### 4. Receiving channel setting

Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

#### 5. User setting

Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

#### 6. SERVICE MODE setting

Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

#### 3.2.2 SERVICE MODE SETTING

#### **■**SERVICE MODE SCREEN

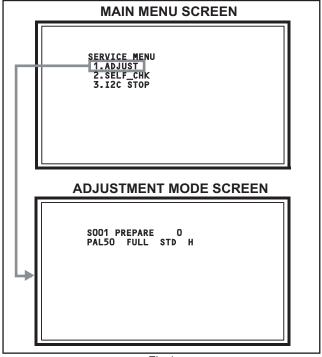


Fig.1

#### **■SETTING ITEM**

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Fixed	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main CPU system setting	Fixed	Z001 - Z010

#### 3.2.3 SETTINGS OF FACTORY SHIPMENT

#### 3.2.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
TV/AV	TV

#### 3.2.3.3 REMOTE CONTROL MENU OPERATION

#### (1) PICTURE

Setting item		Setting position	
PICTURE MODE		BRIGHT	
COLOUR TEMP.		COOL	
FEATURES			
DIGITAL VNR		AUTO (LOW)	
Super DigiPure		AUTO	
MOVIE THEATRE		AUTO	
COLOUR MANAGEMENT		ON	
PICTURE MANAGEMENT		ON	
COLOUR SYSTEM TV		Depends on PR/CH	
	EXT	AUTO	
4:3 AUTO ASPECT		PANORAMIC	

#### (2) SOUND

Setting item	Setting position
STEREO / I•II	Stereo sound
BASS	Centre
TREBLE	Centre
BALANCE	Centre
3D SOUND	OFF
A.H.B.	ON
BBE	ON

#### 3.2.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	PANORAMIC
3D SOUND	OFF

#### (4) FEATURES

Setting item	Setting position
SLEEP TIMER	OFF
CHILD LOCK	ID NO.0000, All CH off
APPEARANCE	TYPE D
BLUE BACK	ON
FAVOURITE SETTING	Reset
ILLUMINATION	BRIGHT

#### (5) SET UP

Setting item	Setting position
AUTO PROGRAM	TV channel automatically set
EDIT/MANUAL	PRESET CH only
LANGUAGE	ENGLISH
DECODER (EXT-2)	OFF
COMPONENT AUTO SELECT	ON
HDMI SETTING	AUTO
ATTENUATOR	OFF
EXT SETTING	
S-IN	BLANK
ID	BLANK
DUBBING	EXT-1 → EXT-2

#### 3.3 REPLACEMENT OF CHIP COMPONENT

#### 3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

#### 3.3.2 SOLDERING IRON

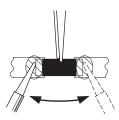
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

#### 3.3.3 REPLACEMENT STEPS

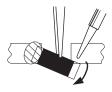
#### 1. How to remove Chip parts

#### [Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with the tweezers and remove the chip part.

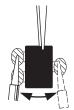


#### [Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



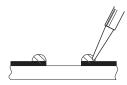
#### NOTE:

After removing the part, remove remaining solder from the pattern.

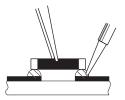
#### 2. How to install Chip parts

#### [Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

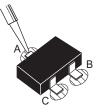


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

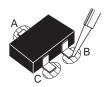


#### [Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead A as indicated in the figure.



(4) Then solder leads B and C.



### SECTION 4 ADJUSTMENT

#### 4.1 ADJUSTMENT PREPARATION

- (1) There are 2 ways of adjusting this TV: One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
- (2) The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

#### 4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
PICTURE MODE	STANDARD
PICTURE adjustments	Centre
COLOUR TEMP.	NORMAL
DIGITAL VNR	AUTO (LOW)
Super DigiPure	AUTO
MOVIE THEATRE	AUTO
COLOUR MANAGEMENT	ON
PICTURE MANAGEMENT	ON
SOUND adjustments	Centre
BBE	OFF
3D SOUND	OFF
A.H.B	OFF
ZOOM	FULL

#### 4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)
   [PAL / 625i / 625p / 1125i(50Hz)]
- · Remote control unit

#### 4.4 ADJUSTMENT ITEMS

#### ■ VIDEO CIRCUIT

- · 625i A-D OFFSET adjustment
- 1125i(50Hz) BRIGHTNESS adjustment
- 1125i(50Hz) A-D OFFSET adjustment
- · SUB SCREEN A-D OFFSET adjustment
- · WHITE BALANCE (HIGH LIGHT) adjustment

#### 4.5 BASIC OPERATION OF SERVICE MODE

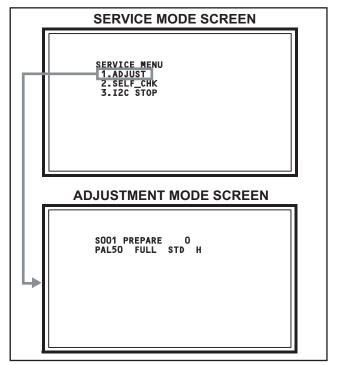
#### 4.5.1 HOW TO ENTER THE SERVICE MODE

- (1) Press [INFORMATION] key and [MUTING] key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.
- (2) In the SERVICE MENU, press the [1] key to display ADJUSTMENT MODE SCREEN.

#### NOTE:

- Before entering the SERVICE MODE, confirm that the setting of VCR/TV/DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the [1] key is pressed in the SERVICE MODE SCREEN, the other relevant screen may be displayed.

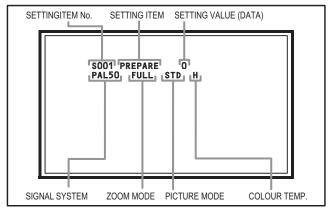
This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MODE SCREEN.



#### 4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [MENU] key to exit the Service mode.

#### 4.5.3 DESCRIPTION OF STATUS DISPLAY



#### (1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

PAL50 : PAL50Hz (Composite / S-video)
PAL60 : PAL60Hz (Composite / S-video)

SECAM : SECAM NTSC3 : NTSC3.58 NTSC4 : NTSC4.43

525I : 525i (Component)

525P : 525p

625I : 625i (Component)

625P : 625p

112515 : 1125i 50Hz 112516 : 1125i 60Hz RGB5 : RGB 525i RGB6 : RGB 625i PCVGA: PC(VGA) PCXGA: PC (XGA) H525I : HDMI 525i H525P : HDMI 525p H625I : HDMI 625i H625P : HDMI 625p H750P : HDMI 750p H125I5 : HDMI 1125i 50Hz

#### (2) ZOOM MODE

H125I6

State of the SCREEN SIZE or MULTI PICTURE is displayed.

#### SINGLE SCREEN

FULL : FULL

PANO : PANORAMIC 1609 : 16:9 ZOOM

1609S : 16:9 ZOOM SUBTITLE

: HDMI 1125i 60Hz

1409 : 14:9 ZOOM REGU : REGULAR

#### **MULTI SCREEN**

M2 : 2-pictures multi M12 : 12-pictures multi

#### (3) PICTURE MODE

STD : STANDARD BRI : BRIGHT SOFT : SOFT

#### (4) COLOUR TEMP.

H : COOL
M : NORMAL
L : WARM

#### (5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 to S039	Video system setting
T001 to T010	Audio system setting
P001 to P010	Panel control system setting
D001 to D187	Drive system setting
Z001 to Z010	Main CPU system setting

#### (6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

#### (7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

#### 4.5.4 CHANGE AND MEMORY OF SETTING VALUE

#### **SELECTION OF SETTING ITEM**

• [FUNCTION ▲/▼] key.

For scrolling up / down the setting items.

 $S001... \leftrightarrow T001... \leftrightarrow P001... \leftrightarrow D001... \leftrightarrow Z001...$ 

#### **CHANGE OF SETTING VALUE (DATA)**

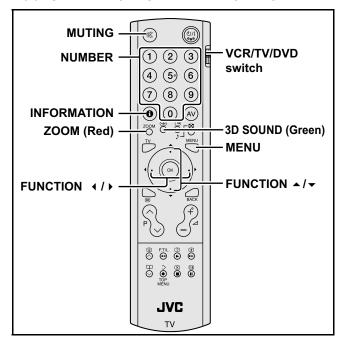
• **[FUNCTION 4 / ▶ ]** key.

For scrolling up / down the setting values.

#### **MEMORY OF SETTING VALUE (DATA)**

Changed setting value is memorized by pressing **[MUTING]** key.

#### 4.5.5 SERVICE MODE SELECT KEY LOCATION



#### 4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

#### 4.6.1 VIDEO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value
S001	PREPARE	0 - 31	0
S002	NTSC BL	0	
S003	NTSC CNT	0 - 255	53
S004	NT CR OF	0 - 15	6
S005	NT CB OF	0 - 15	6
S006	525i BL	0 - 15	0
S007	525i CNT	0 - 255	53
S008	5i CB OF	0 - 15	0
S009	5i CR OF	0 - 15	0
S010	5i CR GN	0 - 15	6
S011	5i CB GN	0 - 15	6
S012	HD BL	0 - 63	60
S013	HD CB OF	0 - 63	59
S014	HD CR OF	0 - 63	56
S015	RT CONT	0 - 15	8
S016	RT CB OF	0 - 15	7
S017	RT CR OF	0 - 15	6
S018	RT CL GA	0 - 15	1
S019	PC CL MB	0 - 7	0
S020	PC CL LB	0 - 31	0
S021	PC CL MR	0 - 71	0
S022	PC CL LR	0 - 31	0
S023	(Not display)	0 - 255	0
S024	(Not display)	0 - 255	0
S025	(Not display)	0 - 255	0
S026	(Not display)	0 - 255	0
S027	(Not display)	0 - 255	0
S028	(Not display)	0 - 255	0
S029	(Not display)	0 - 255	0
S030	R DRIVE	0 - 255	133
S031	G DRIVE	0 - 255	126
S032	B DRIVE	0 - 255	112
S033	(Not display)	0 - 255	0
S034	(Not display)	0 - 255	0
S035	(Not display)	0 - 255	0
S036	(Not display)	0 - 255	0
S037	(Not display)	0 - 255	0
S038	(Not display)	0 - 255	0
S039	ILA COM	0 - 1	0

#### 4.6.2 AUDIO SYSTEM SETTING (\*Fixed values)

Item No.	Item name	Variable range	Setting value
T001	IN LEVEL	0 - 255	0
T002	LOW SEP	0 - 255	0
T003	HIGH SEP	0 - 255	0
T004	AFC	0 - 255	0
T005	(Not display)	0 - 255	0
T006	ATT V ON	0 - 1	0
T007	ATT U ON	0 - 1	0
T008	ATT C ON	0 - 1	0
T009	(Not display)	0 - 255	0
T010	(Not display)	0 - 255	0

#### 4.6.3 PANEL CONTOROL SYSTEM SETTING (\*Fixed values)

Item No.	Item name	Variable range	Setting value
P001	TM HOR H	00 - FF	00
P002	TM HOR L	00 - FF	00
P003	TM MIN	00 - FF	00
P004	TEMP	0 - 255	0
P005	(Not display)	0 - 255	0
P006	(Not display)	0 - 255	0
P007	(Not display)	0 - 255	0
P008	(Not display)	0 - 255	0
P009	(Not display)	0 - 255	0
P010	(Not display)	0 - 255	0

#### 4.6.4 DRIVE SYSTEM SETTING (\*Fixed values)

Item No.	Item name	Variable range	Setting value
D001	SLV GN	00 - 3F	18
D002	SLVH GN	00 - 3F	18
D003	SLH GN	00 - 3F	18
D004	SLV Pf	00 - 03	01
D005	SLH Pf H	00 - 01	01
D006	SLH Pf L	00 - 03	01
D007	SL EGCON	00 - 3F	08
D008	SL EGONF	00 - 01	01
D009	SL CRGON	00 - 3F	06
D010	SL CRGON	00 - 01	01
D011	SL ON OF	00 - 01	01
D012	SV GN	00 - 3F	0A
D013	SVH GN	00 - 3F	12
D014	SH GN	00 - 3F	12
D015	SV Pf	00 - 03	01
D016	SV PfH	00 - 01	01
D017	SV PfL	00 - 03	01
D018	SYL CON	00 - 3F	20
D019	SYL CONF	00 - 01	01

Item No.	Item name	Setting value		
D020	SYH CON	Variable range 00 - 3F	00	
D021	SYH CONF	00 - 01	01	
D022	SC CON	00 - 3F	1A	
D023	SC CNONF	00 - 01	01	
D024	SPM BLC	00 - 3F	02	
D025	SPM BLCO	00 - 01	01	
D026	SLIM	00 - 3F	30	
D027	SLIMONF	00 - 01	01	
D028	SCRG	00 - 3F	08	
D029	SRGONF	00 - 01	01	
D030	S ONF	00 - 01	01	
D031	pb GN	00 - 3F	15	
D032	pb PfH	00 - 01	01	
D033	pb PfL	00 - 03	00	
D034	pb CRG	00 - 3F	04	
D035	pb CRGON	00 - 01	01	
D036	pb ONF	00 - 01	01	
D037	pr GN	00 - 3F	15	
D038	pr PfH	00 - 01	01	
D039	pr PfL	00 - 03	00	
D040	pr CRG	00 - 3F	05	
D041	pr CRGON	00 - 01	01	
D041	pr ONF	00 - 01	01	
D042	ENH ONF	00 - 01	01	
D044	(Not display)	00 - FF	00	
D045	(Not display)	00 - FF	00	
D046	(Not display)	00 - FF	00	
D047	(Not display)	00 - FF	00	
D048	(Not display)	00 - FF	00	
D049	(Not display)	00 - FF	00	
D050	(Not display)	00 - FF	00	
D051	(Not display)	00 - FF	00	
D052	(Not display)	00 - FF	00	
D053	(Not display)	00 - FF	00	
D054	(Not display)	00 - FF	00	
D055	(Not display)	00 - FF	00	
D056	(Not display)	00 - FF	00	
D057	(Not display)	00 - FF	00	
D058	(Not display)	00 - FF	00	
D059	(Not display)	00 - FF	00	
D060	(Not display)	00 - FF	00	
D061	(Not display)	00 - FF	00	
D062	(Not display)	00 - FF	00	
D063	(Not display)	00 - FF	00	
D064	(Not display)	00 - FF	00	
D065	(Not display) 00 - FF		00	
D066	(Not display)	00 - FF	00	
D067	(Not display)	00 - FF	00	
D068	(Not display)	00 - FF	00	
D069	(Not display)	00 - FF	00	
2000	(140t display)	00 11	00	

Item No.	Item name	Variable range	Setting value
D070	(Not display)	00 - FF	00
D071	(Not display)	00 - FF	00
D072	(Not display)	00 - FF	00
D073	(Not display)	00 - FF	00
D074	(Not display)	00 - FF	00
D075	(Not display)	00 - FF	00
D076	(Not display)	00 - FF	00
D077	(Not display)	00 - FF	00
D078	(Not display)	00 - FF	00
D079	(Not display)	00 - FF	00
D080	(Not display)	00 - FF	00
D081	(Not display)	00 - FF	00
D082	(Not display)	00 - FF	00
D083	(Not display)	00 - FF	00
D084	(Not display)	00 - FF	00
D085	(Not display)	00 - FF	00
D086	(Not display)	00 - FF	00
D087	(Not display)	00 - FF	00
D088	(Not display)	00 - FF	00
D089	(Not display)	00 - FF	00
D090	(Not display)	00 - FF	00
D091	(Not display)	00 - FF	00
D092	(Not display)	00 - FF	00
D093	(Not display)	00 - FF	00
D094	(Not display)	00 - FF	00
D095	(Not display)	00 - FF	00
D096	(Not display)	00 - FF	00
D097	(Not display)	00 - FF	00
D098	(Not display)	00 - FF	00
D099	(Not display)	00 - FF	00
D100	(Not display)	00 - FF	00
D101	(Not display)	00 - FF	00
D102	(Not display)	00 - FF	00
D103	(Not display)	00 - FF	00
D104	(Not display)	00 - FF	00
D105	(Not display)	00 - FF	00
D106	(Not display)	00 - FF	00
D107	(Not display)	00 - FF	00
D108	(Not display)	00 - FF	00
D109	(Not display)	00 - FF	00
D110	(Not display)	00 - FF	00
D111	(Not display)	00 - FF	00
D112	(Not display)	00 - FF	00
D113	(Not display)	00 - FF	00
D114	(Not display)	00 - FF	00
D115	(Not display)	00 - FF	00
D116	(Not display)	00 - FF	00
D117	(Not display)	00 - FF	00
D118	(Not display)	00 - FF	00
D119	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D120	(Not display)	00 - FF	00
D121	(Not display)	00 - FF	00
D122	(Not display)	00 - FF	00
D123	(Not display)	00 - FF	00
D124	(Not display)	00 - FF	00
D125	(Not display)	00 - FF	00
D126	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D128		00 - FF	00
	(Not display)	00 - FF	
D130	(Not display)		00
D131	(Not display)	00 - FF	00
D132	(Not display)	00 - FF	00
D133	(Not display)	00 - FF	00
D134	(Not display)	00 - FF	00
D135	(Not display)	00 - FF	00
D136	(Not display)	00 - FF	00
D137	(Not display)	00 - FF	00
D138	(Not display)	00 - FF	00
D139	(Not display)	00 - FF	00
D140	(Not display)	00 - FF	00
D141	(Not display)	00 - FF	00
D142	(Not display)	00 - FF	00
D143	(Not display)	00 - FF	00
D144	(Not display)	00 - FF	00
D145	(Not display)	00 - FF	00
D146	(Not display)	00 - FF	00
D147	(Not display)	00 - FF	00
D148	(Not display)	00 - FF	00
D149	(Not display)	00 - FF	00
D150	(Not display)	00 - FF	00
D151	(Not display)	00 - FF	00
D152	(Not display)	00 - FF	00
D153	(Not display)	00 - FF	00
D154	(Not display)	00 - FF	00
D155	(Not display)	00 - FF	00
D156	(Not display)	00 - FF	00
D157	(Not display)	00 - FF	00
D158	(Not display)	00 - FF	00
D159	(Not display)	00 - FF	00
D160	(Not display)	00 - FF	00
D161	(Not display)	00 - FF	00
D162	(Not display)	00 - FF	00
D163	(Not display)	00 - FF	00
D164	(Not display)	00 - FF	00
D165	(Not display)	00 - FF	00
D166	(Not display)	00 - FF	00
D167	(Not display)	00 - FF	00
D168	(Not display)	00 - FF	00
D169	(Not display)	00 - FF	00
פטום	(INOL UISPIAY)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D170	(Not display)	00 - FF	00
D171	(Not display)	00 - FF	00
D172	(Not display)	00 - FF	00
D173	(Not display)	00 - FF	00
D174	(Not display)	00 - FF	00
D175	(Not display)	00 - FF	00
D176	(Not display)	00 - FF	00
D177	(Not display)	00 - FF	00
D178	(Not display)	00 - FF	00
D179	(Not display)	00 - FF	00
D180	(Not display)	00 - FF	00
D181	(Not display)	00 - FF	00
D182	(Not display)	00 - FF	00
D183	(Not display)	00 - FF	00
D184	(Not display)	00 - FF	00
D185	(Not display)	00 - FF	00
D186	(Not display)	00 - FF	00
D187	(Not display)	00 - FF	00

#### 4.6.5 MAIN CPU SYETEM SETTING (\*Fixed values)

Item No.	Item name	Variable range	Setting value
Z001	(Not display)	00 - FF	00
Z002	(Not display)	00 - FF	00
Z003	(Not display)	00 - FF	00
Z004	(Not display)	00 - FF	00
Z005	(Not display)	00 - FF	00
Z006	(Not display)	00 - FF	00
Z007	(Not display)	00 - FF	00
Z008	(Not display)	00 - FF	00
Z009	(Not display)	00 - FF	00
Z010	(Not display)	00 - FF	00

#### 4.7 ADJUSTMENT PROCEDURE

#### 4.7.1 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
625i A-D OFFSET  Disappears	Remote control unit Signal generator  the color at bot	h ends.	[1.ADJUST] S001: PREPARE (Adjustment setting mode change)  S008: 5i CB OF(625i cb offset) S009: 5i CR OF(625i cr offset)  S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	<ul> <li>(1) Receive a 625i component ramp pattern signal.</li> <li>(2) Set PICTURE MODE to "STANDARD".</li> <li>(3) Set ZOOM to "FULL".</li> <li>(4) Set COLOUR TEMP. to "NORMAL".</li> <li>(5) Select "1.ADJUST" from the SERVICE MODE.</li> <li>(6) Set &lt; \$030 &gt; (R DRIVE), &lt; \$031 &gt; (G DRIVE) and &lt; \$032 &gt; (B DRIVE) to "133".</li> <li>(7) Set &lt; \$001 &gt; (adjustment setting mode change) to set "8" and it change to the 625i A-D offset adjustment setting mode.</li> <li>(8) Adjust &lt; \$008 &gt; (625i Cb offset) and &lt; \$009 &gt; (625i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the centre of the screen.</li> <li>(9) Set &lt; \$001 &gt; to set "0" and it change to the normal mode.</li> <li>(10) Press the [MUTING] key to memoirze the set value.</li> </ul>
Set the 0%	Remote control unit Signal generator black part to be the second	prightest.	[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	<ol> <li>(1) Receive a 1125i (50Hz) gray scale pattern signal.</li> <li>(2) Set PICTURE MODE to "STANDARD".</li> <li>(3) Set ZOOM to "FULL".</li> <li>(4) Set COLOUR TEMP. to "NORMAL".</li> <li>(5) Select "1.ADJUST" from the SERVICE MODE.</li> <li>(6) Set &lt; \$030 &gt; (R DRIVE), &lt; \$031 &gt; (G DRIVE) and &lt; \$032 &gt; (B DRIVE) to "133".</li> <li>(7) Set &lt; \$001 &gt; (adjustment setting mode change) to set the values "12" and it change to the 1125i black level adjustment setting mode.</li> <li>(8) Adjust &lt; \$012 &gt; (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest.</li> <li>(9) Set &lt; \$001 &gt; to set "0" and it change to the normal mode.</li> <li>(10) Press the [MUTING] key to memoirze the set value.</li> </ol>
	Remote control unit Signal generator e red and blue ralf of the screen.	noises in	[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i cb offset) S014: HD CR OF(1125i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET  Remote control unit  Signal generator  Set the 0% block part to be brightest.  VIDEO-1  NO SIGNAL>  TV(RF)  <30% all white>		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF (Sub screen cb offset) S017: RT CR OF (Sub screen cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	<ul> <li>(1) Set PICTURE MODE to "STANDARD".</li> <li>(2) Set ZOOM" to "FULL".</li> <li>(3) Set COLOUR TEMP. to "NORMAL".</li> <li>(4) Set MULTI SCREEN to "2 pictures".</li> <li>(5) Receive a PAL 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal).</li> <li>(6) Select "1.ADJUST" from the SERVICE MODE.</li> <li>(7) Set &lt; S030 &gt; (R DRIVE), &lt; S031 &gt; (G DRIVE) and &lt; S032 &gt; (B DRIVE) to "133".</li> <li>(8) Set &lt; S001 &gt; (adjustment setting mode change) to set "17" and it change to the sub screen A-D offset adjustment setting mode.</li> <li>(9) Adjust &lt; S016 &gt; (Sub screen cb offset) to minimize the blue noise in the upper half of the screen.</li> <li>If you select an adjustment item &lt; S016 &gt;, then the screen automatically turn to twin pictures mode.</li> <li>(10) Adjust &lt; S017 &gt; (Sub screen cr offset) to minimize the red noise in the upper half of the screen.</li> <li>(11) Readjust &lt; S016 &gt; and &lt; S017 &gt; to set the upper half of the screen to be the blackest.</li> <li>(12) Set &lt; S001 &gt; to set "0" and it change to the normal mode.</li> <li>(13) Press the [MUTING] key to memoirze the set value.</li> </ul>	
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	<ul> <li>(1) Receive a PAL 75% all white signal.</li> <li>(2) Set PICTURE MODE to "STANDARD".</li> <li>(3) Set ZOOM to "FULL".</li> <li>(4) Set COLOUR TEMP. to "NORMAL".</li> <li>(5) Select "1.ADJUST" from the SERVICE MODE.</li> <li>(6) Adjust to Keep one of &lt; \$030 &gt; (Red drive),</li> <li>&lt; \$031 &gt; (Green drive) or &lt; \$032 &gt; (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout.</li> <li>NOTE: <ul> <li>Set one or more of &lt; \$030 &gt;, &lt; \$031 &gt;, and</li> <li>&lt; \$032 &gt; to "85".</li> </ul> </li> <li>(7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it.</li> <li>(8) Press the [MUTING] key to memoirze the set value.</li> </ul>

### SECTION 5 TROUBLESHOOTING

#### 5.1 SELF CHECK FEATURE

#### **5.1.1 OUTLINE**

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure. Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time. Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I<sup>2</sup>C bus and the various control lines connected to the main microcomputer.

#### 5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the SERVICE MODE, confirm that the setting of VCR/TV/ DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.

- (1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
- (2) Press the [2] key SELF CHECK MODE.
- (3) Press the [RED (ZOOM)] key to enter Page 2 of the SELF CHECK MODE.
  - \*Use the [GREEN (3D SOUND)] key to toggle between Page 1 and Page 2.

#### NOTE:

When a number key other than the [2] key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.

This is not used in the SELF CHECK MODE. Press the **[MENU]** key to return to the MAIN MENU SCREEN.

#### 5.1.3 HOW TO EXIT THE SELF CHECK MODE

#### To Save Failure History:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

#### To Clear (Reset) Failure History:

Turn off the power by pressing the **[POWER]** key on the remote control unit when in the Self check display mode.

#### 5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

#### NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

### 5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

- (1) Temporary defective transmissions across circuits due to pulse interruptions
- (2) Misalignment in the on/off timing of power for I<sup>2</sup>C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.

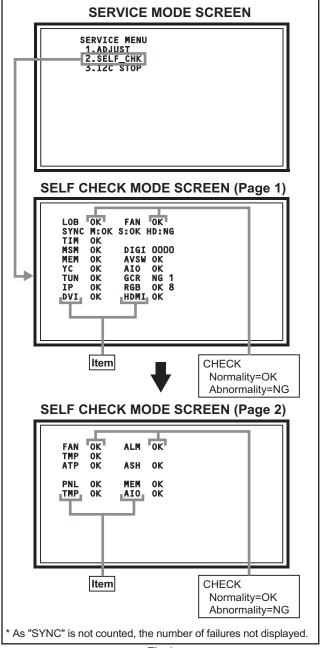


Fig.1

#### 5.1.6 DETAILS

Self check is performed for the following items:

#### < Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirmation of operation of the low bais (2.5V / 3.3V / 5V / 9V) protection circuit. Q9801, Q9822 [REGULATOR PWB]	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Abnormal rise of temperature in audio circuit	FAN	Confirmation of the temperature of audio circuit.  TH6661 [ANALOG SIGNAL PWB]	SDA	Detection starts 3 seconds after the power is turned on. If the temperture of 90°C is detected for 3 seconds the power is turned off.
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M: Main sync signal S: Sub sync signal HD: Component sync signal  IC201 [ANALOG SIGNAL PWB]	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.		
Main CPU communication	MSM	Not used.		
Digital tuner	DIGI	Not used.		
Main memory	MEM	Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.  IC7602 [DIGITAL SIGNAL PWB]	SDA	Same as above.
AV select switch	AVSW	Same as above.  IC301, IC501 [ANALOG SIGNAL PWB]	SDA	Same as above.
3 dimensions YC separator	YC	Not used.		
Multi sound process	AIO	Not used.		
RF tuner	TUN	Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.  TU3001 [RECEIVER PWB]	SDA	If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted.
Ghost reduction	GCR	Not used.		
DIST process	IP	Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.  [C3001 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.  [C3001 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted.
DVI (Digital communication)	DVI	Not used.		
Digital input	HDMI	Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.	SDA	If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted.

#### < Page 2 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Not used.		
Abnormal of operation of PANEL	ALM	Not used.		
Abnormal rise of temperature in PANEL	TMP	Not used.		
Abnormal rise of temperature in audio circuit	ATP	Not used.		
Short circuit detection of audio circuit	ASH	Not used.		
Panel communication	PNL	Not used.		
Sub memory	MEM	Not used.		
Temp. sensor	TMP	Not used.		
Audio control	AIO	Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.  IC6521 [ANALOG SIGNAL PWB]	SDA	If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted.

#### 5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

Type of error	POWER LED flash cycle		
Low bias line short protection	Low luminance blue turnig on and off at 1 second intervals.		
Abnormal rise of temperature in audio circuit	High luminance blue turnig on and off at 0.1 second intervals.		

#### < Explanation of operation >

If error is detected, the power is turned off.

Shortly after a power is turned off, POWER LED will be blinked.

Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.





Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

VPT

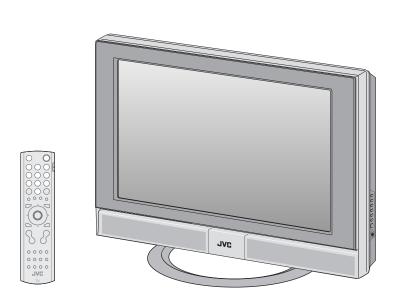
# JVC

## **SCHEMATIC DIAGRAMS**

WIDE LCD PANEL TELEVISION

# LT-26S60BU, LT-26S60SU, LT-32S60BU, LT-32S60BU

CD-ROM No.SML200506





### LT-26S60BU, LT-26S60SU, LT-32S60BU, LT-32S60SU STANDARD CIRCUIT DIAGRAM

#### ■ NOTE ON USING CIRCUIT DIAGRAMS

#### 1.SAFETY

The components identified by the A symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

#### 2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal : Colour bar signal

(2)Setting positions of each knob/button and

: Original setting position variable resistor

when shipped

(3)Internal resistance of tester : DC 20kΩ/V

(4)Oscilloscope sweeping time 20µs / div

: V

: Othters  $\Rightarrow$  Sweeping time is

specified

5ms / div

(5)Voltage values : All DC voltage values

\* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

#### 3.INDICATION OF PARTS SYMBOL [EXAMPLE]

In the PW board : R209 → R209

#### 4.INDICATIONS ON THE CIRCUIT DIAGRAM (1)Resistors

Resistance value

No unit : [Ω] Κ :  $[k\Omega]$ M : [MΩ]

Rated allowable power

No indication : 1/16 [W] Others : As specified

Type

No indication : Carbon resistor

OMR : Oxide metal film resistor **MFR** : Metal film resistor **MPR** : Metal plate resistor **UNFR** : Uninflammable resistor

FR : Fusible resistor

\* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

#### (2)Capacitors

Capacitance value

1 or higher : [pF] less than 1 : [µF]

Withstand voltage

No indication : DC50[V]

Others : DC withstand voltage [V] AC indicated : AC withstand voltage [V]

\* Electrolytic Capacitors

47/50[Example]: Capacitance value [µF]/withstand voltage[V]

Type

No indication : Ceramic capacitor MM Metalized mylar capacitor PP Polypropylene capacitor

**MPP** Metalized polypropylene capacitor

MF : Metalized film capacitor TF : Thin film capacitor

BP : Bipolar electrolytic capacitor

TAN : Tantalum capacitor

(3)Coils

No unit : [µH]

Others : As specified

(4)Power Supply

: B2 (12V) : 9V : 5V

\*Respective voltage values are indicated

#### (5)Test point





#### (7)Ground symbol

: LIVE side ground

: ISOLATED(NEUTRAL) side ground

: EARTH ground : DIGITAL ground

#### **5.NOTE FOR REPAIRING SERVICE**

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE: ( \( \Lambda \)) side GND and the ISOLATED(NEUTRAL): ( , ) side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.
- Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

#### **NOTE**

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in

When ordering parts, please use the numbers that appear in the Parts List.

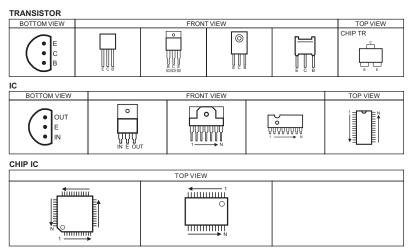
### **CONTENTS**

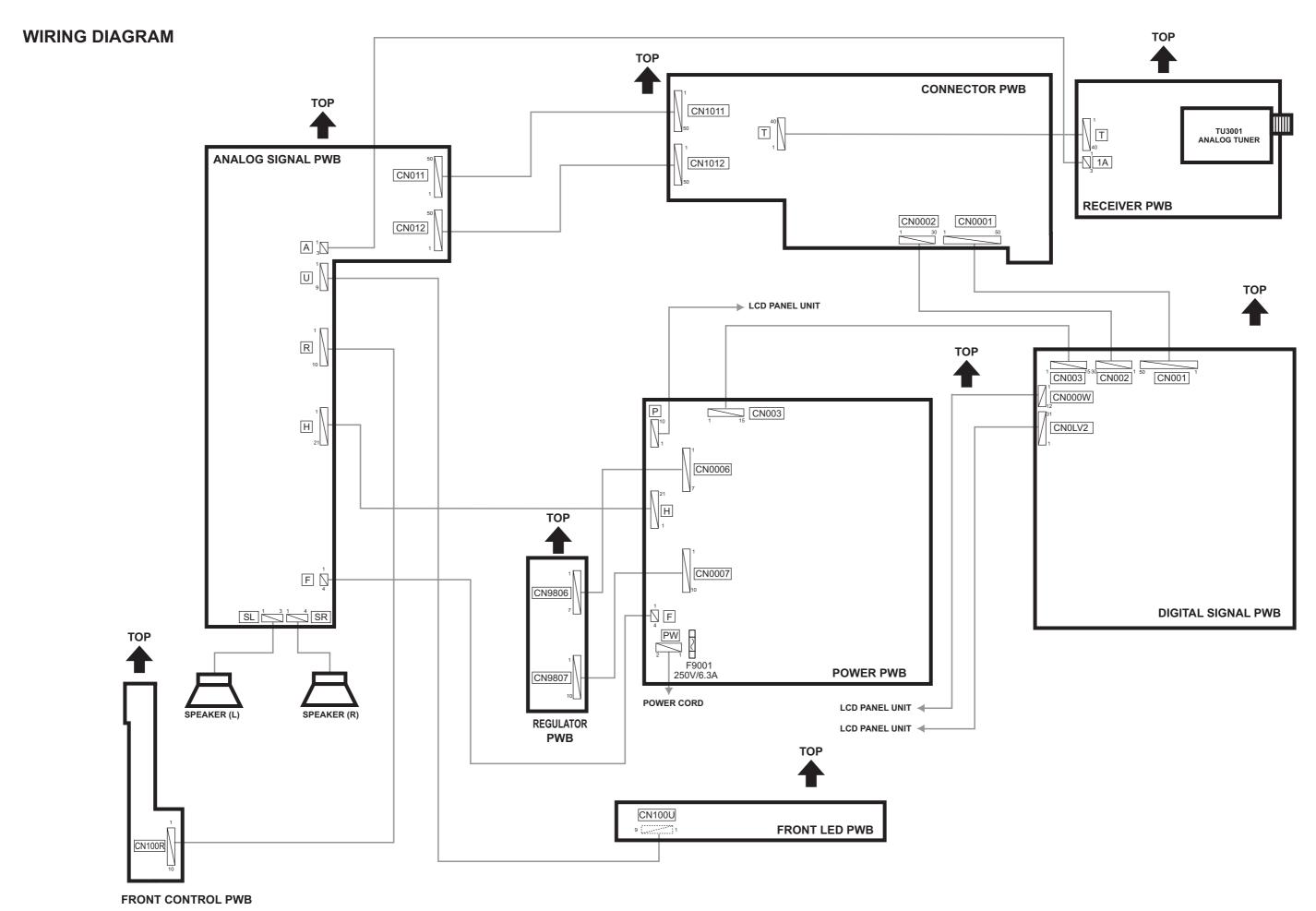
SEMICONDUCTOR SHAPES	2-2
WIRING DIAGRAM	2-3
BLOCK DIAGRAM	
CIRCUIT DIAGRAMS	
	0.7
RECEIVER PWB CIRCUIT DIAGRAM	
ANALOG SIGNAL PWB CIRCUIT DIAGRAM	
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM	
CONNECTOR PWB CIRCUIT DIAGRAM	
FRONT CONTROL PWB CIRCUIT DIAGRAM	
FRONT LED PWB CIRCUIT DIAGRAM	
POWER PWB CIRCUIT DIAGRAM	
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CONNECTOR PWB PATTERN	
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FRONT LED PWB PATTERN	
POWER PWB PATTERN	
REGULATOR PWB PATTERN	
VOLTAGE CHATRS	
WAVEFORMS	2-74

### **USING P.W. BOARD**

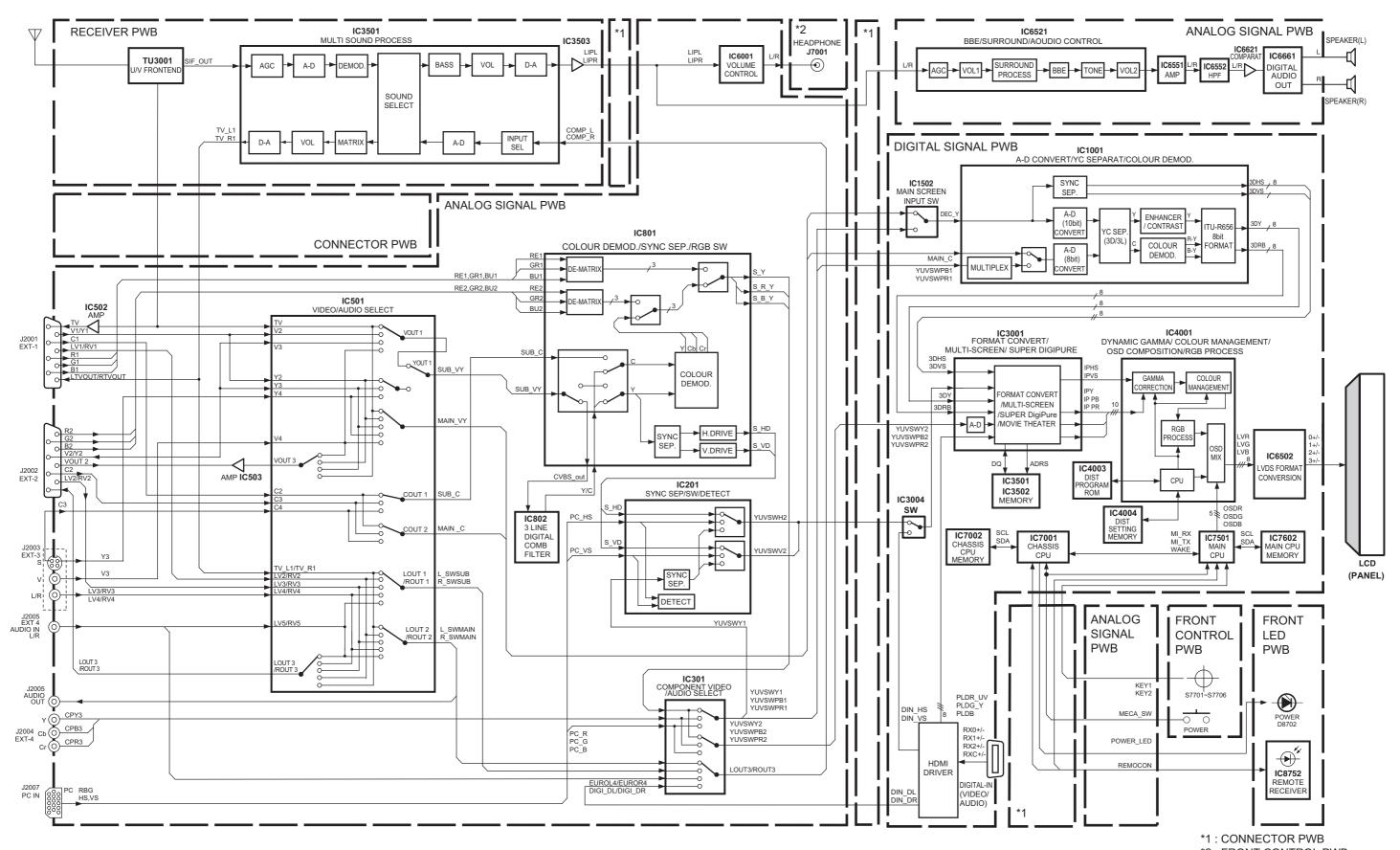
P.W.B ASS'Y name	LT-26S60BU	LT-26S60SU	LT-32S60BU	LT-32S60SU
ANALOG SIGNAL P.W. BOARD	SFL-1112A-U2	<b>←</b>	<b>←</b>	←
CONNECTOR P.W. BOARD	SFL-4112A-U2	<b>←</b>	←	←
FRONT CONTROL P.W. BOARD	SFL-7111A-U2	<b>←</b>	←	←
FRONT LED P.W. BOARD	SFL-8133A-U2	<b>←</b>	←	←
POWER P.W. BOARD	SFL-9028A-U2	<b>←</b>	←	←
REGULATOR P.W. BOARD	SFL-9128A-U2	<b>←</b>	<b>←</b>	<b>←</b>
DIGITAL SIGNAL P.W. BOARD	SFL0D236A-U2	<b>←</b>	SFL0D235A-U2	<b>←</b>
RECEIVER P.W. BOARD	SFL0F204A-U2	<b>←</b>	<b>←</b>	<u> </u>

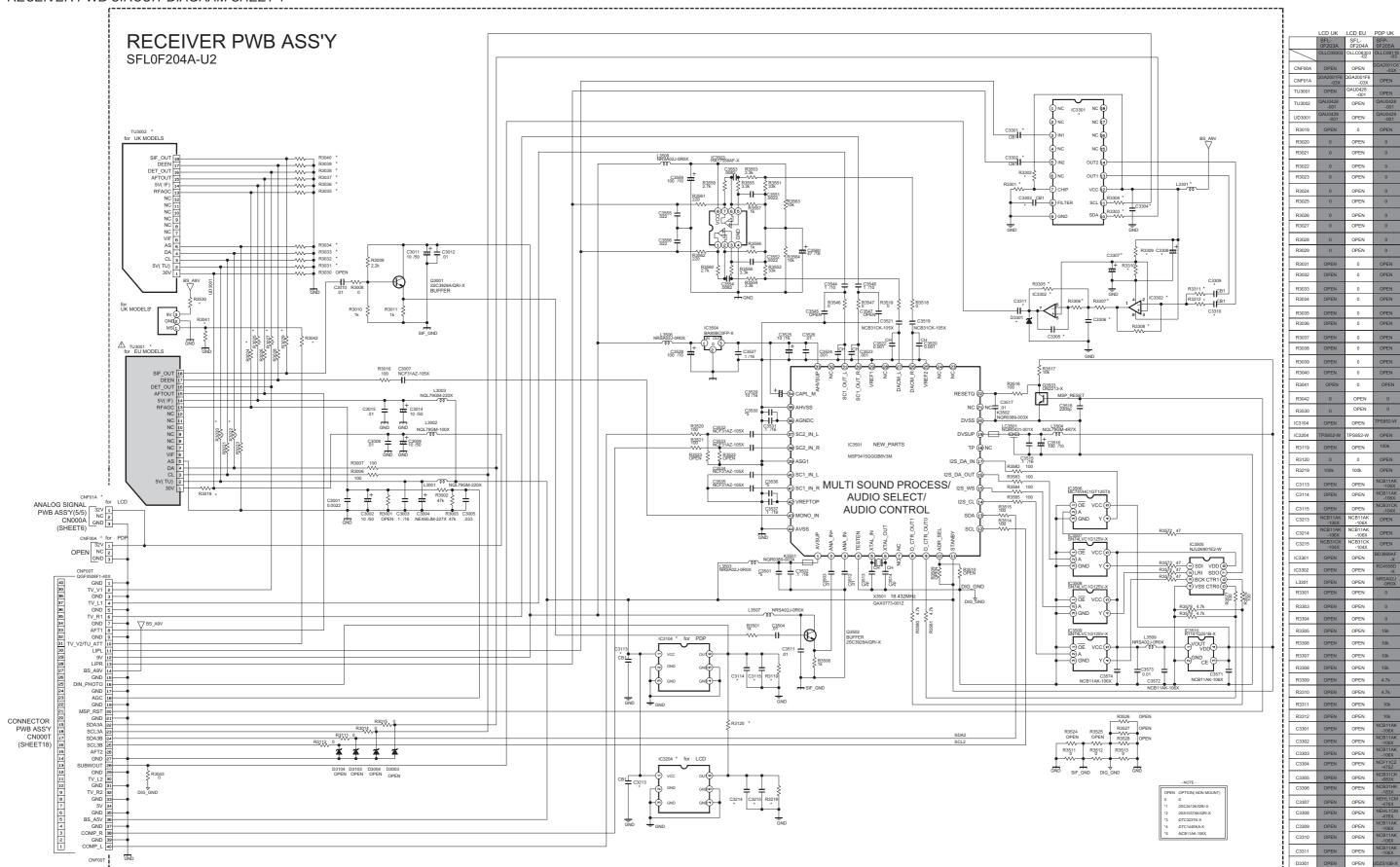
### **SEMICONDUCTOR SHAPES**

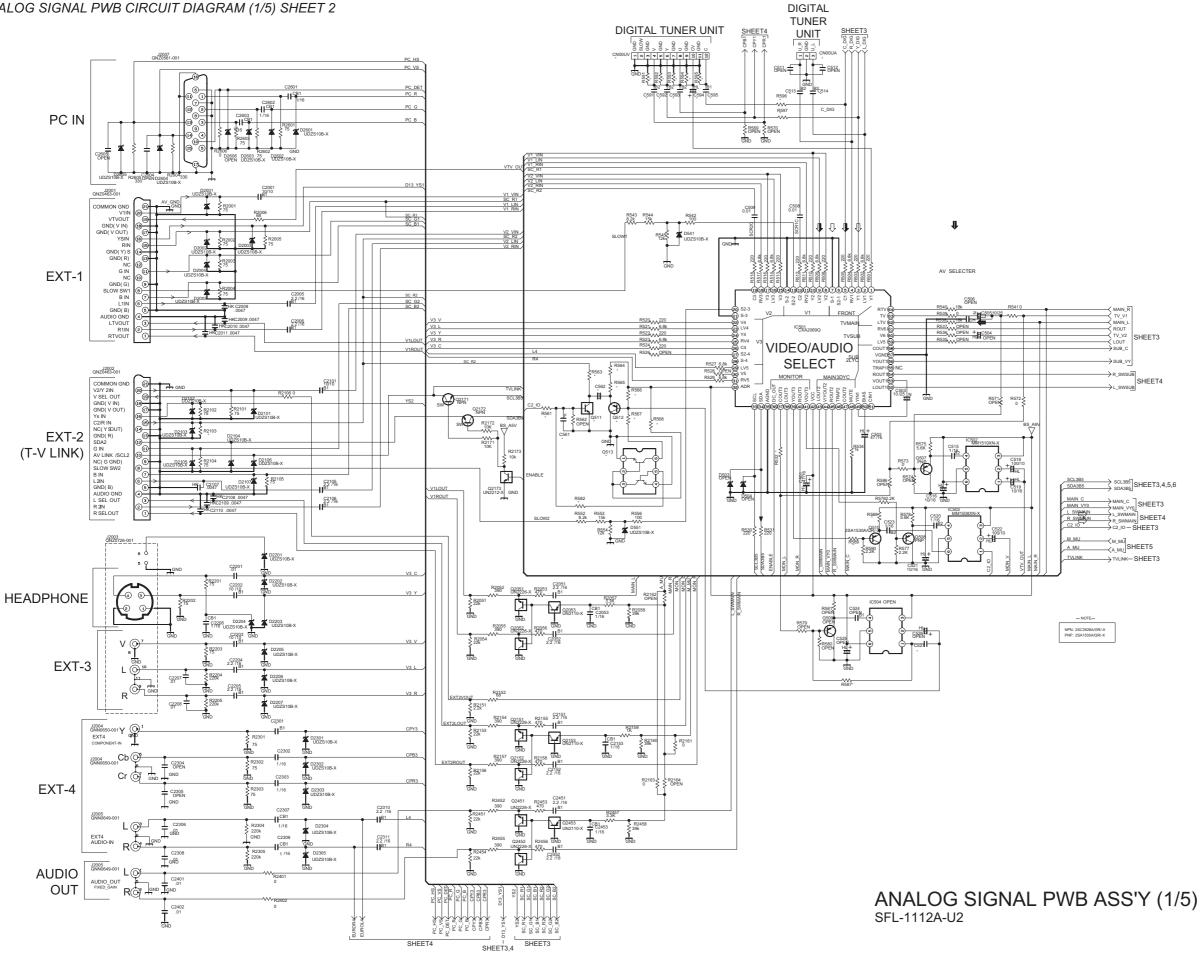




#### **BLOCK DIAGRAM**



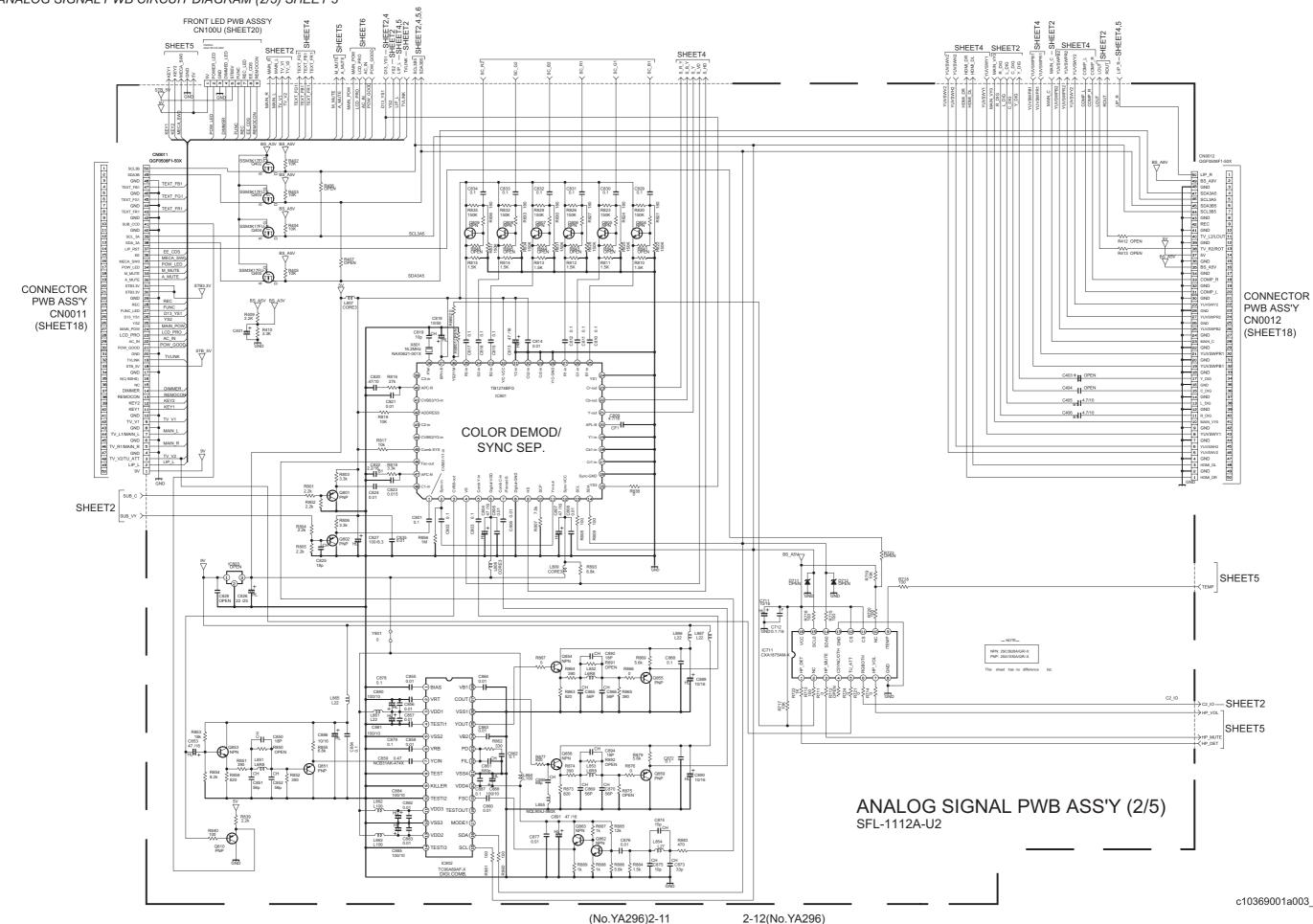


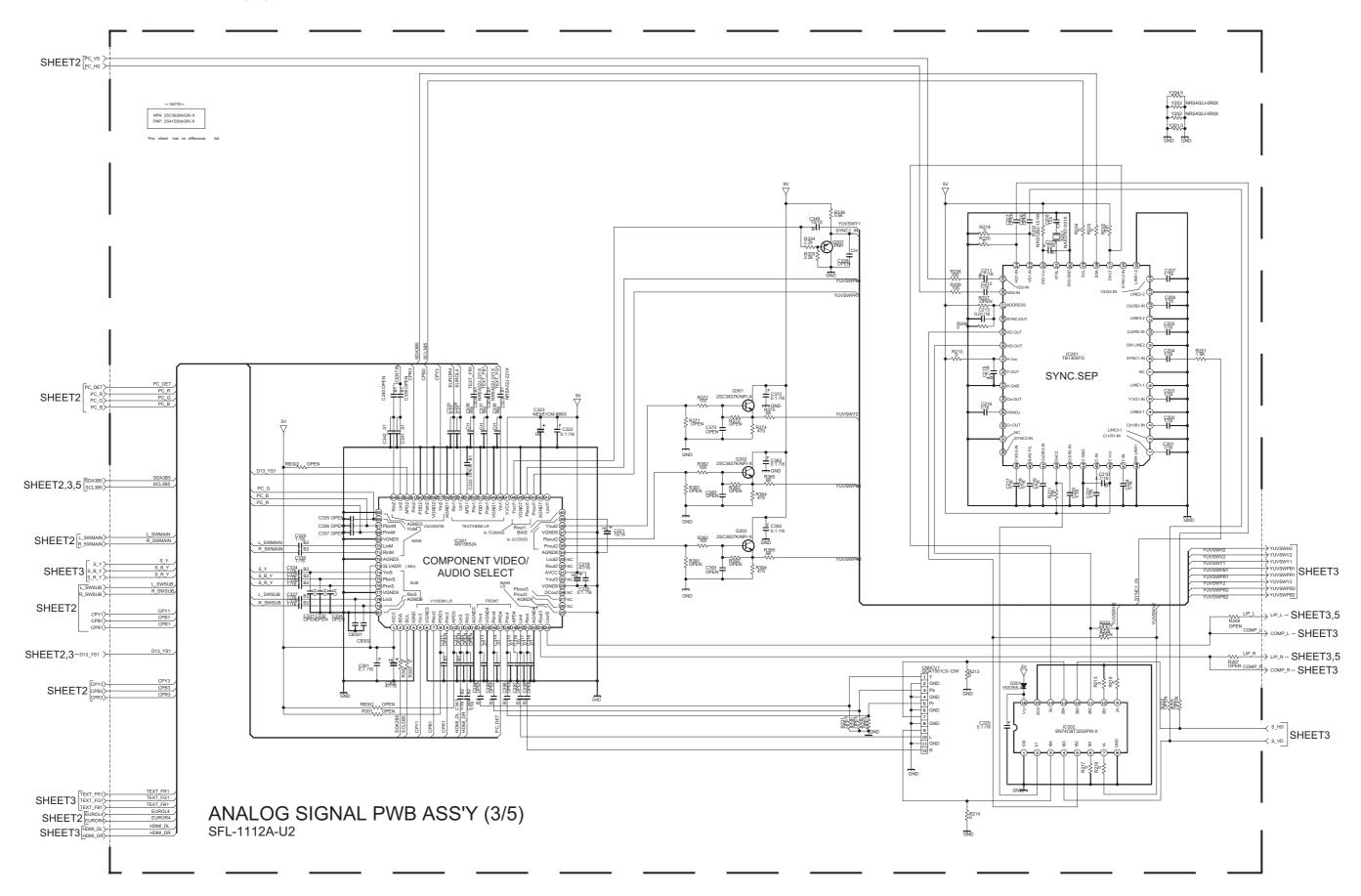


	26/32DS6	26/32S60	37DS6	37S60				
ASS'Y	LCA90494 -01*	LCA90494 -02*	LCA90494 -03*	LCA90494 -04*				
No.	SFL-1111A	SFL-1112A	SFL-1113A	SFL-1114A				
$\overline{}$	OLLC08306	OLLC08306	-02-CX1481	00L-CX1481				
R532	0	OPEN	0	OPEN				
R587	0	OPEN	0	OPEN				
R588	5.6K	OPEN	5.6K	OPEN				
R589	2.2K	OPEN	2.2K	OPEN				
C527	0.01/50	OPEN	0.01/50	OPEN				
Q511	UN2226-X	OPEN	UN2226-X	OPEN				
Q512	2SA1530A /QR/-X	OPEN	2SA1530A /OR/-X	OPEN				
Q513	UMX1N-W	OPEN	UMX1N-W	OPEN				
R561	1K	OPEN	1K	OPEN				
R563	68	OPEN	68	OPEN				
R564	150	OPEN	150	OPEN				
R565	150	OPEN	150	OPEN				
R566	5.6K	OPEN	5.6K	OPEN				
R567	5.6K	OPEN	5.6K	OPEN				
R568	3.3K	OPEN	3.3K	OPEN				
R582	3.3K	OPEN	3.3K	OPEN				
C561	0.1 /16	OPEN	0.1 /16	OPEN				
C562	QENC1CM -476Z	OPEN	QENC1CN -4767	OPEN				
CN00UV	QGA2001C	OPEN	QGA2001C	6 OPEN				
CN00UA	-12X QGA2001C -03X	OPEN	-12X QGA2001C -03X	6 OPEN				
R591	75	OPEN	75	OPEN				
R592	75	OPEN	75	OPEN				
R593	75	OPEN	75	OPEN				
R594	75	OPEN	75	OPEN				
R595	75	OPEN	75	OPEN				
R596	0	OPEN	0	OPEN				
R597	0	OPEN	0	OPEN				
C591	1/16	OPEN	1/16	OPEN				
C592	1/16	OPEN	1/16	OPEN				
C593	1/16	OPEN	1/16	OPEN				
C594	10/16	OPEN	10/16	OPEN				
C595	2.2/16	OPEN	2.2/16	OPEN				
C513	1/16	OPEN	1/16	OPEN				
C514	1/16	OPEN	1/16	OPEN				
R2103	OPEN	75	OPEN	75				
C2301	NCB11AK -106X	NCB21CK -225X	NCB11AK -106X	NCB21CK -225X				

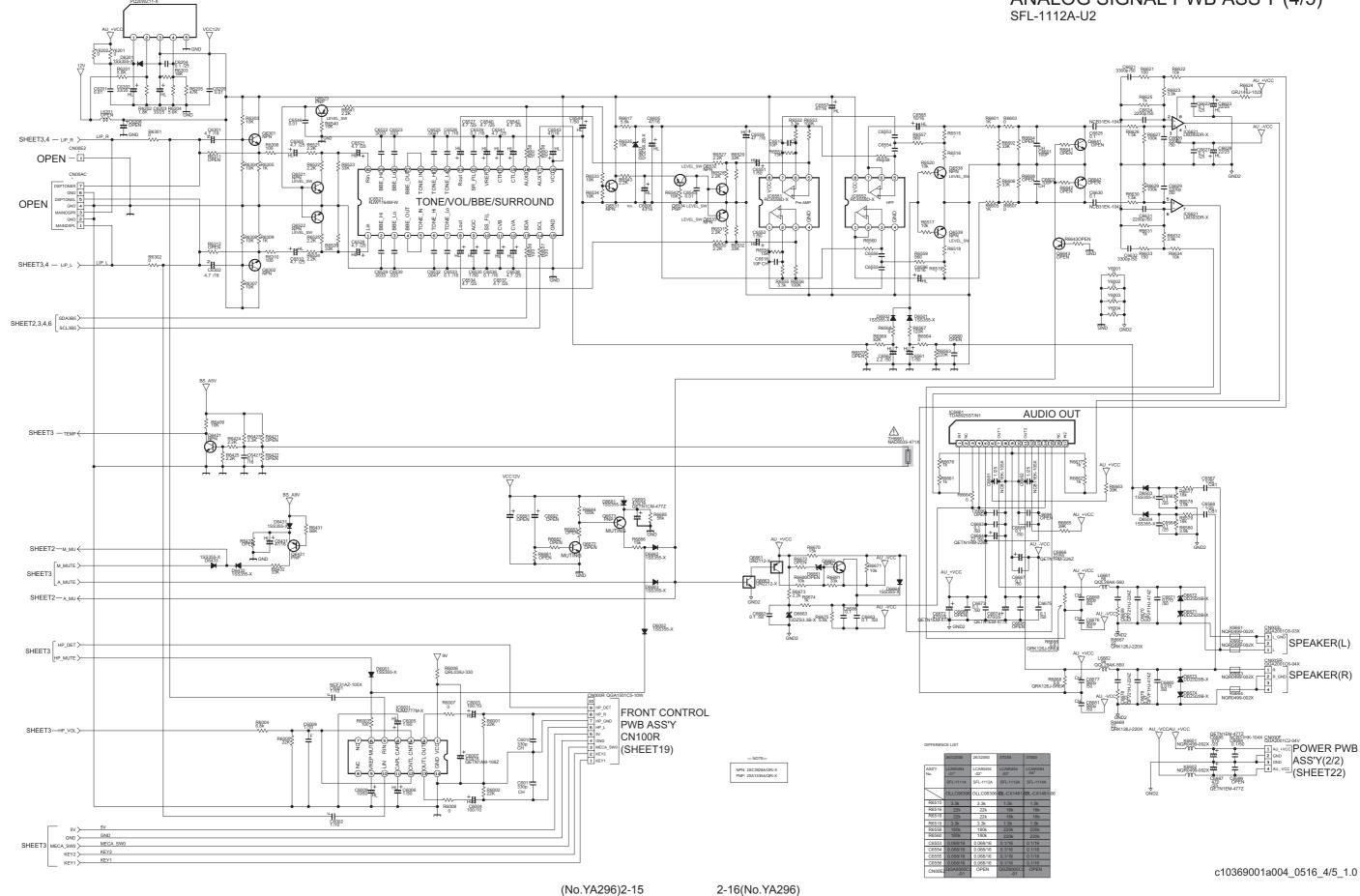
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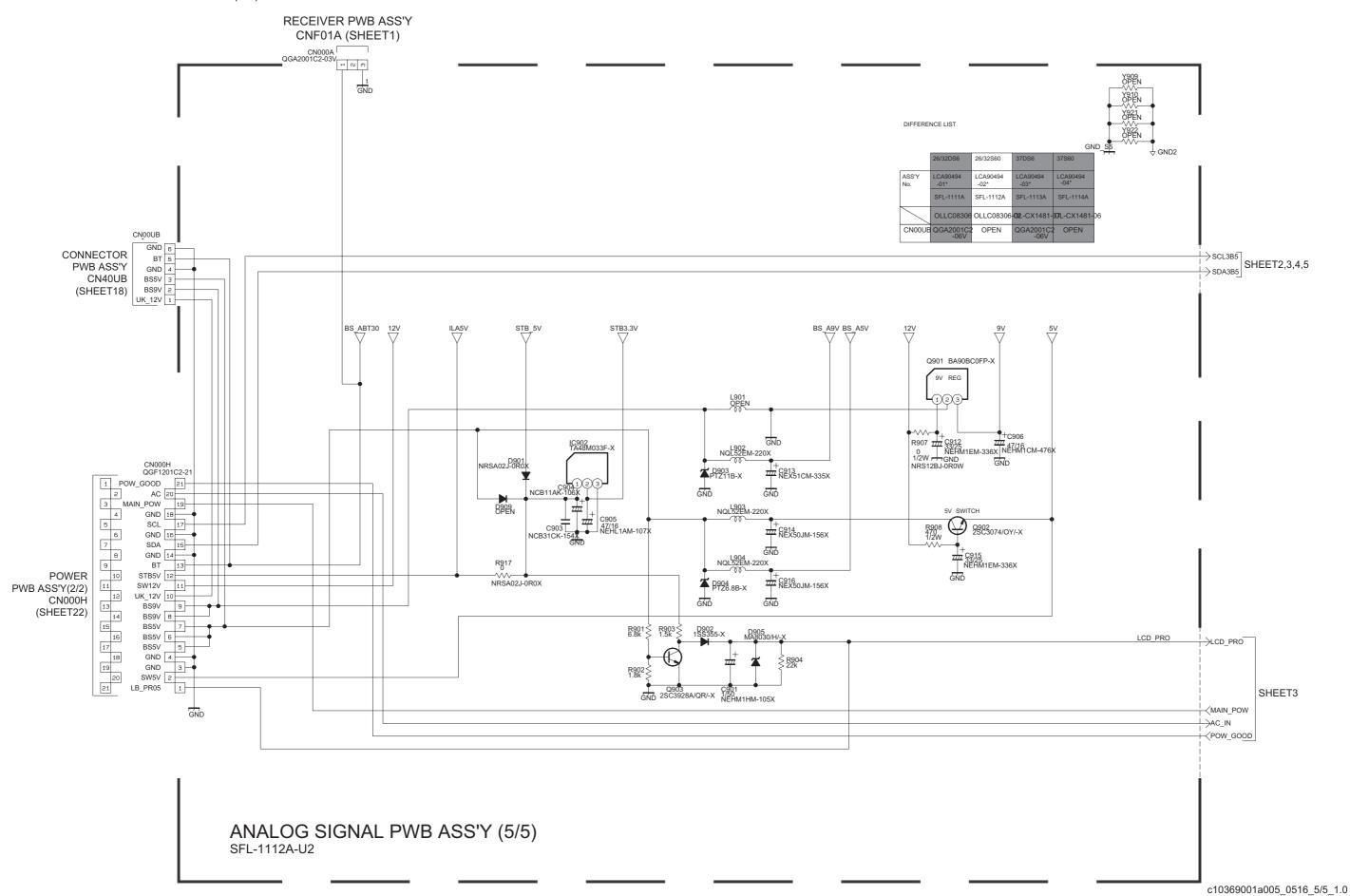
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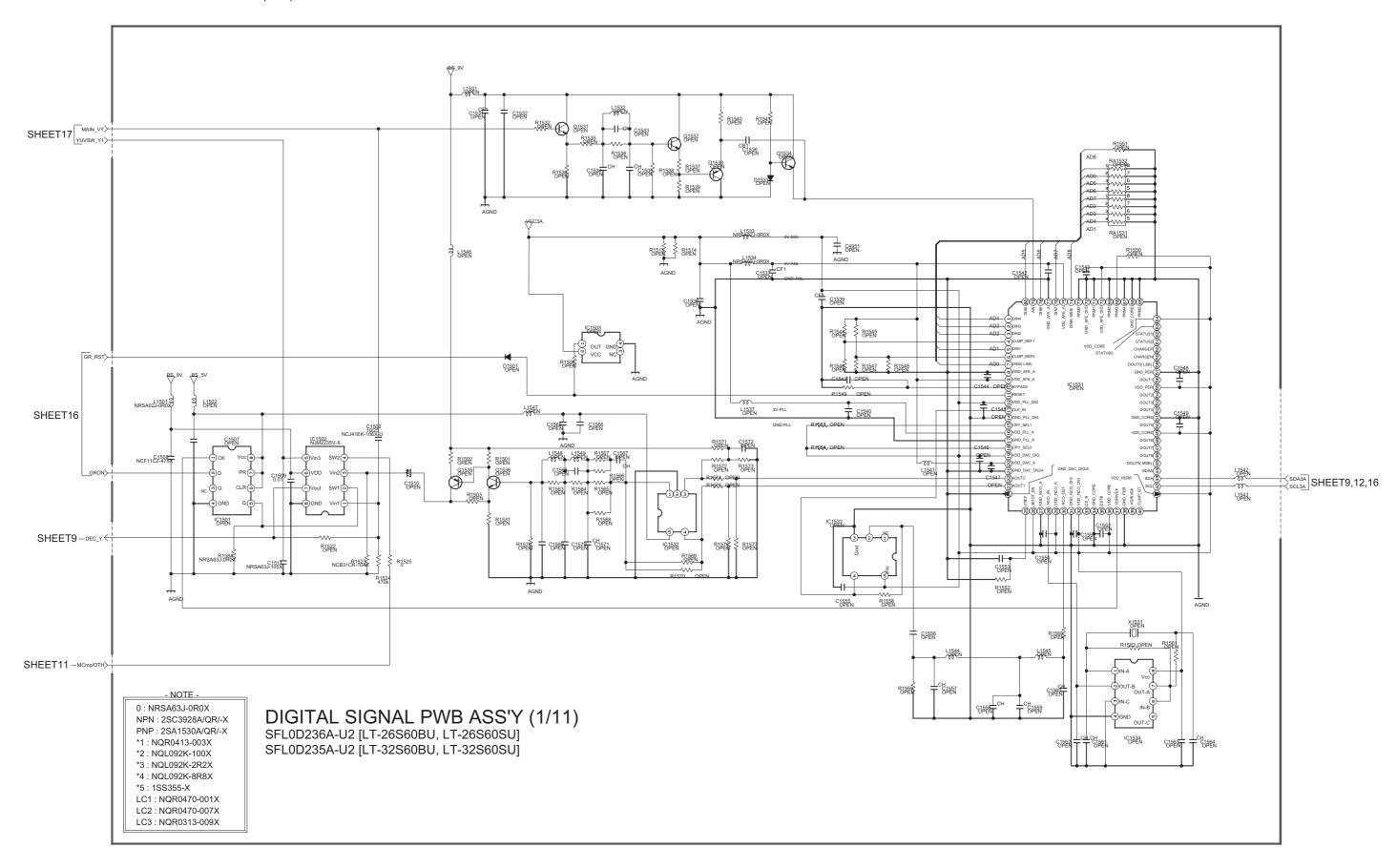


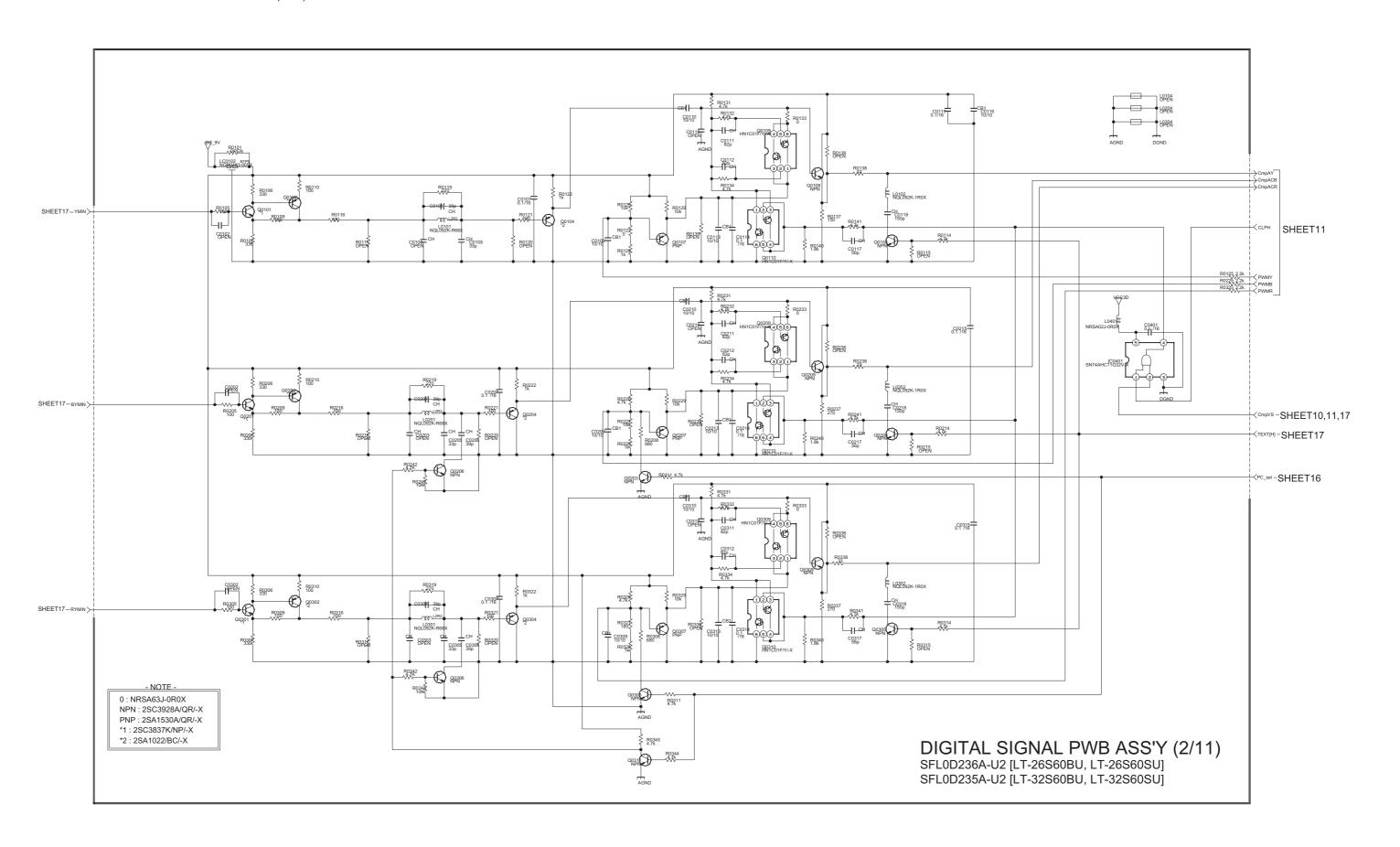


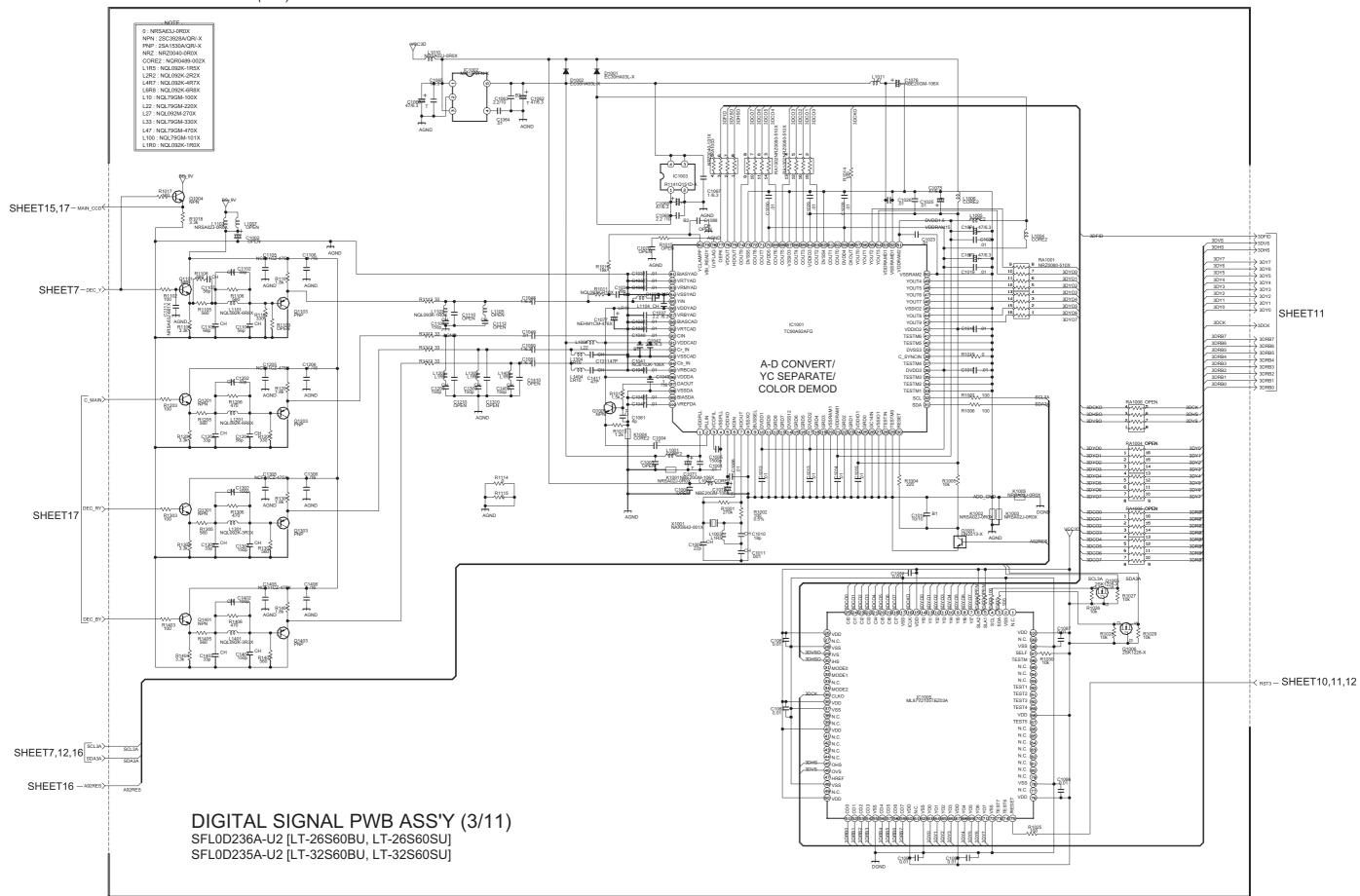
## ANALOG SIGNAL PWB ASS'Y (4/5) SFL-1112A-U2

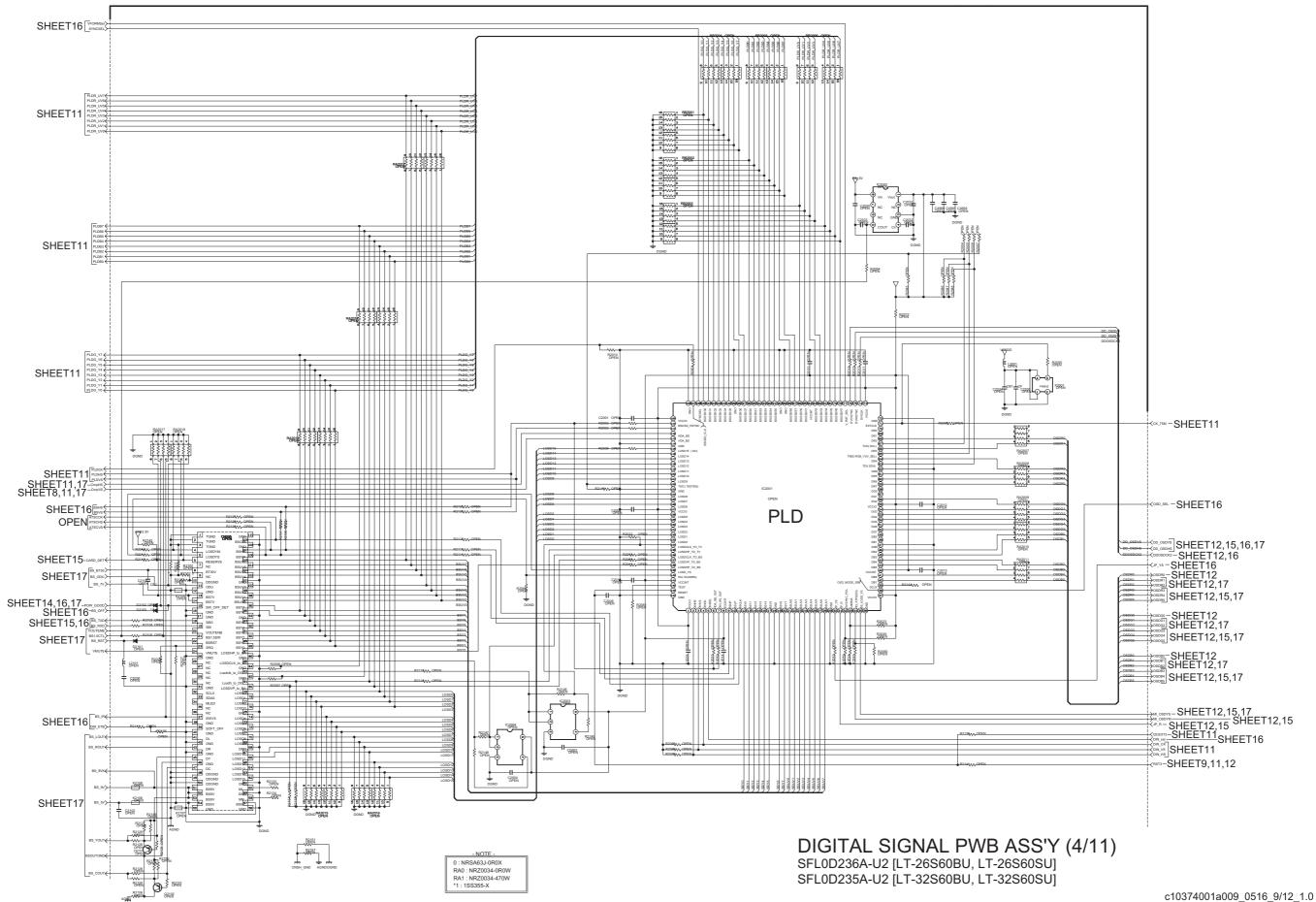


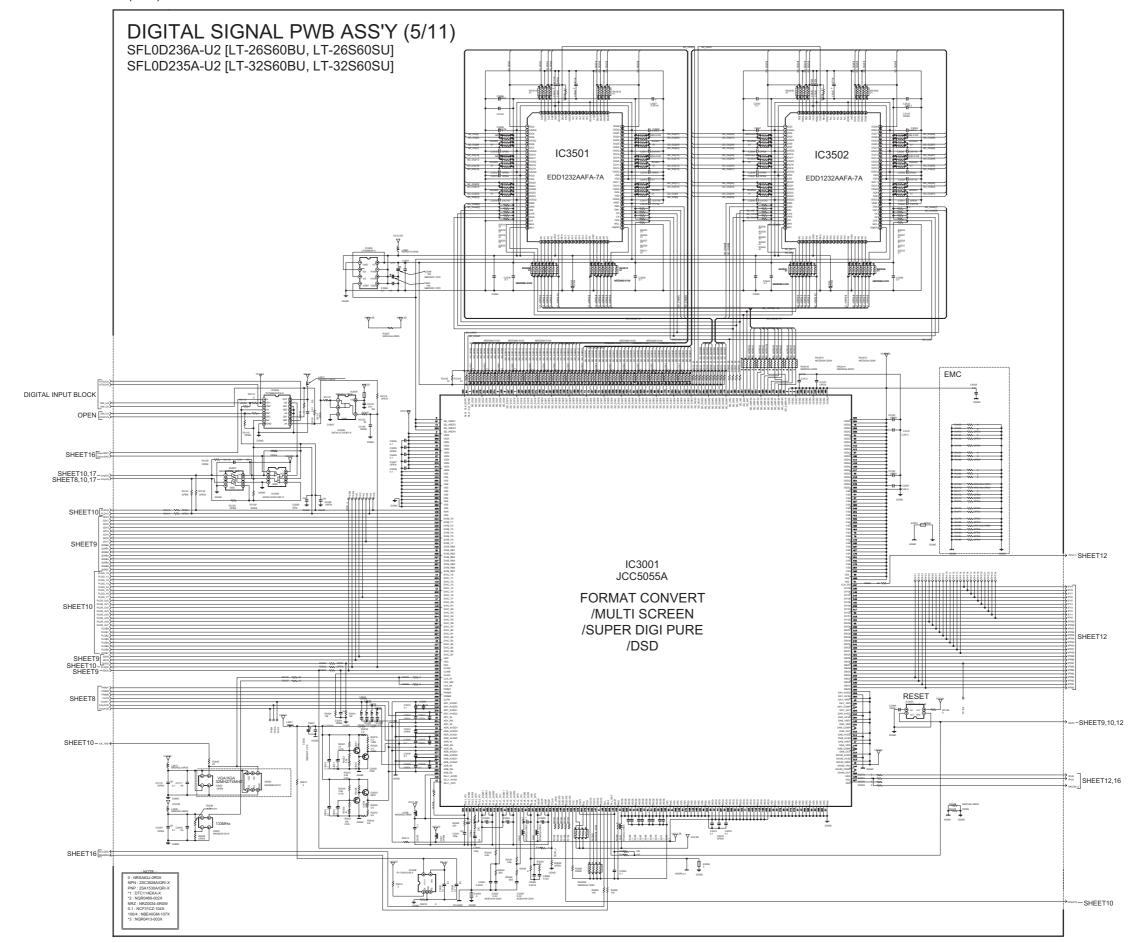


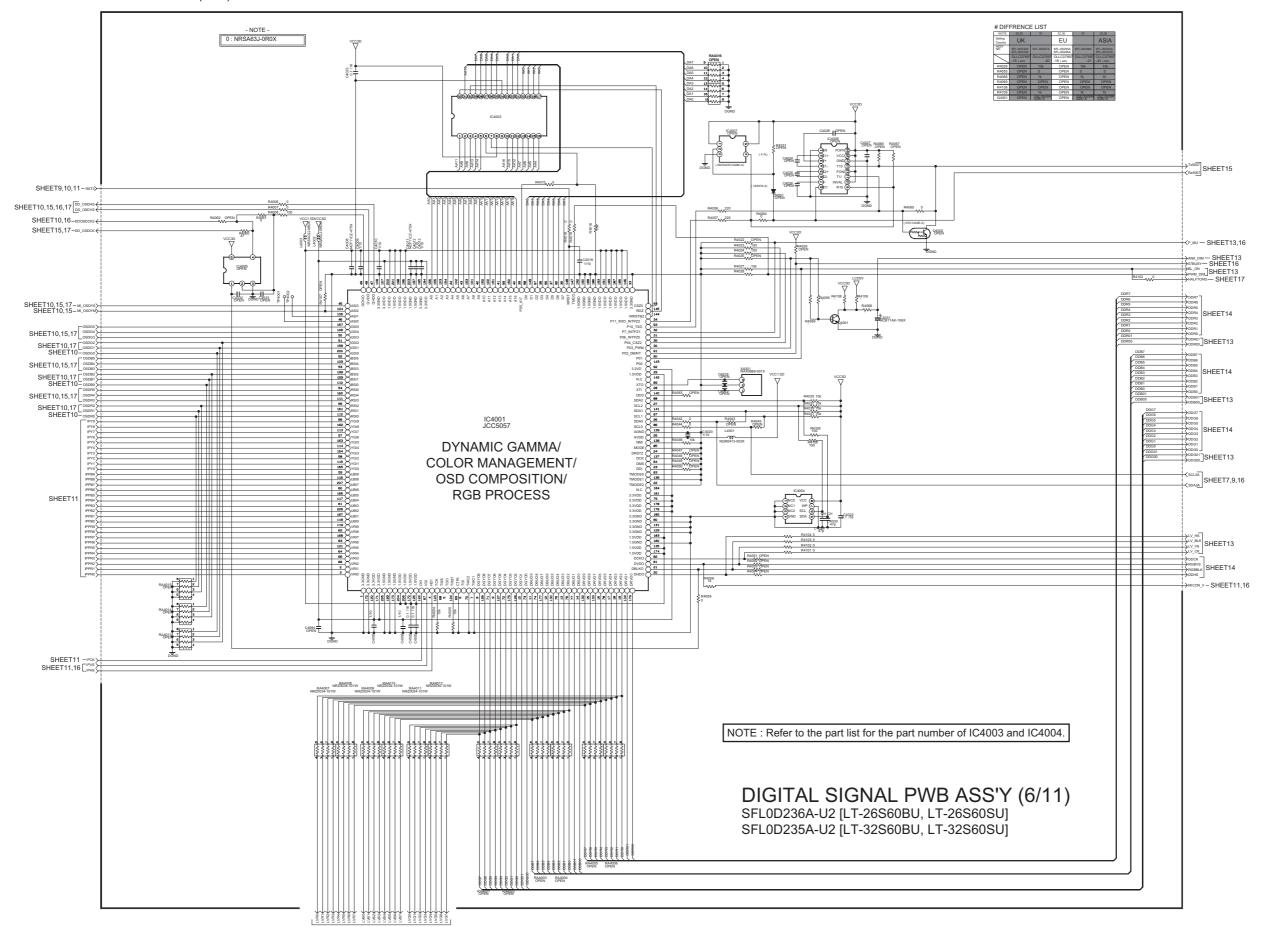


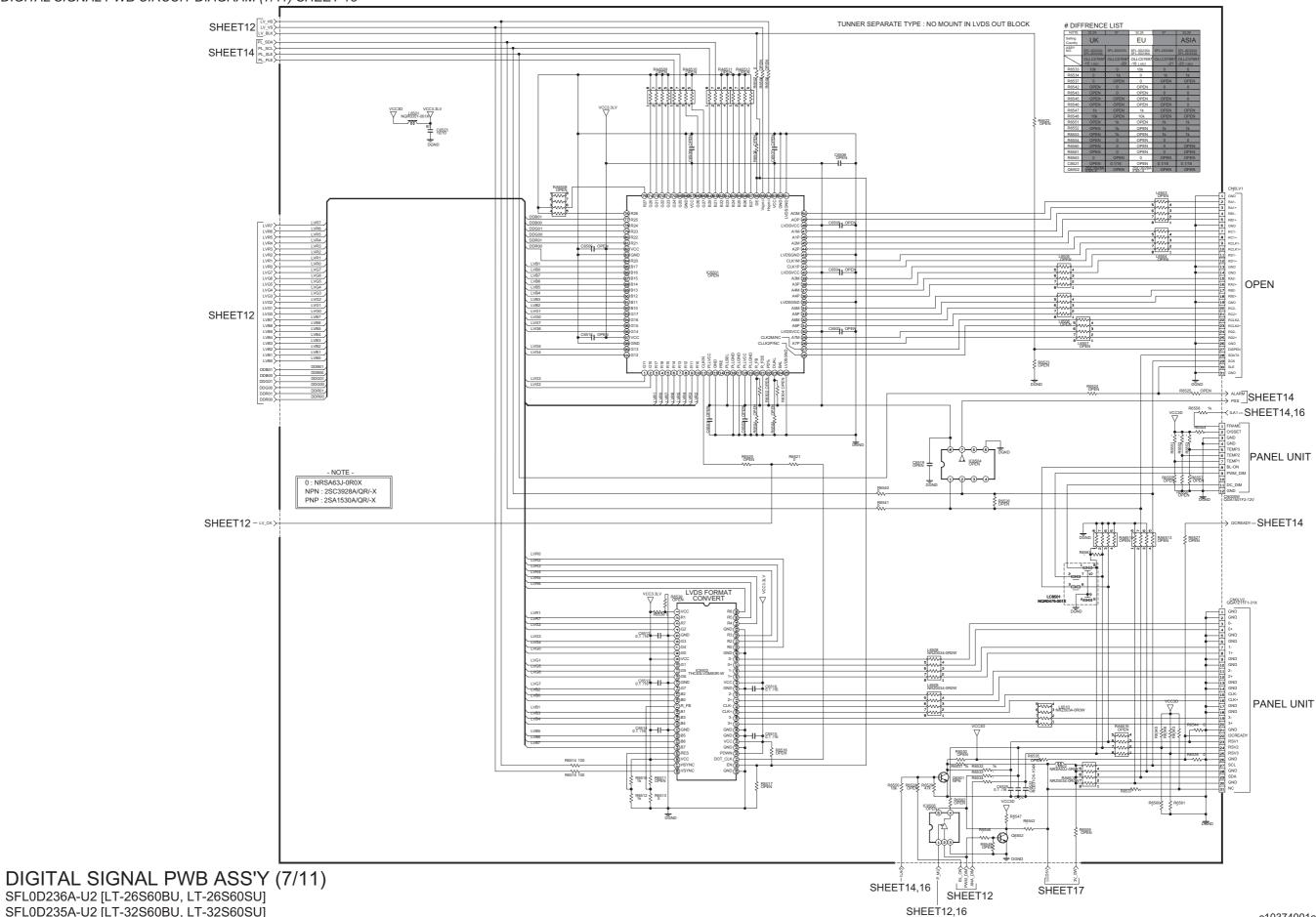






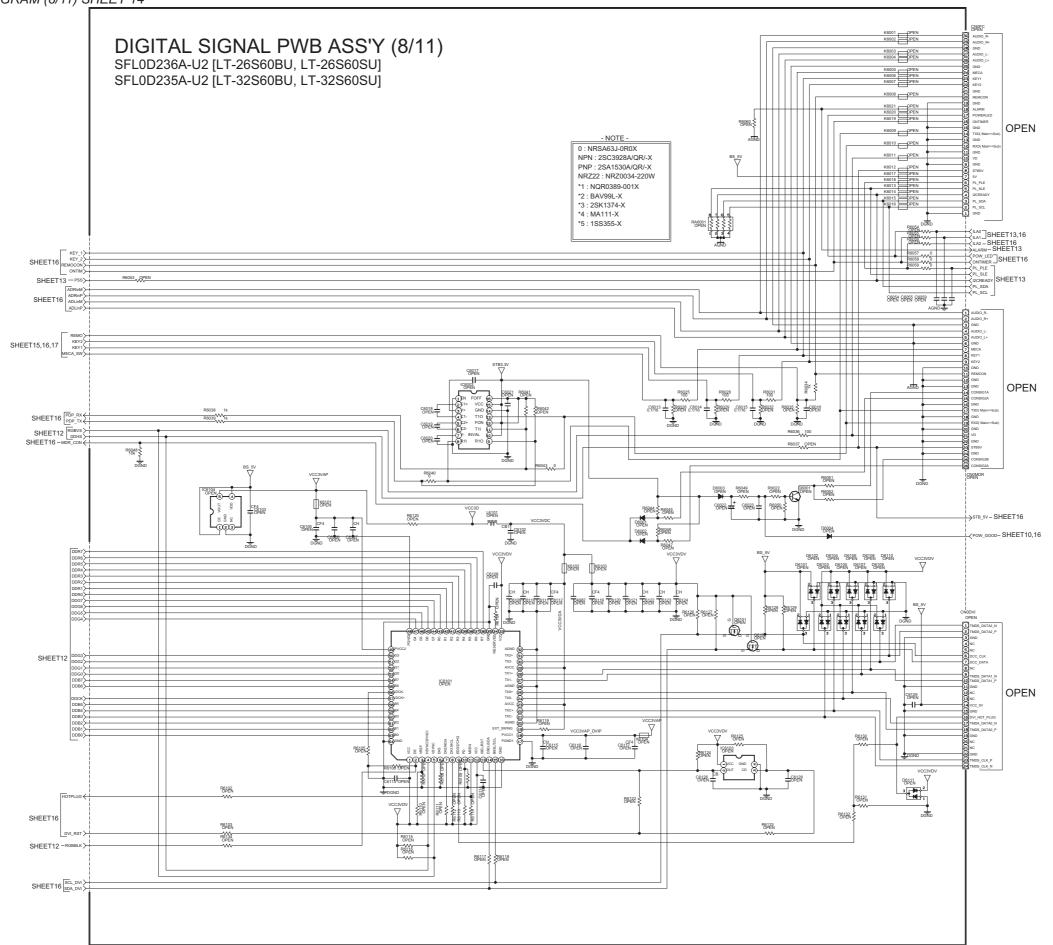




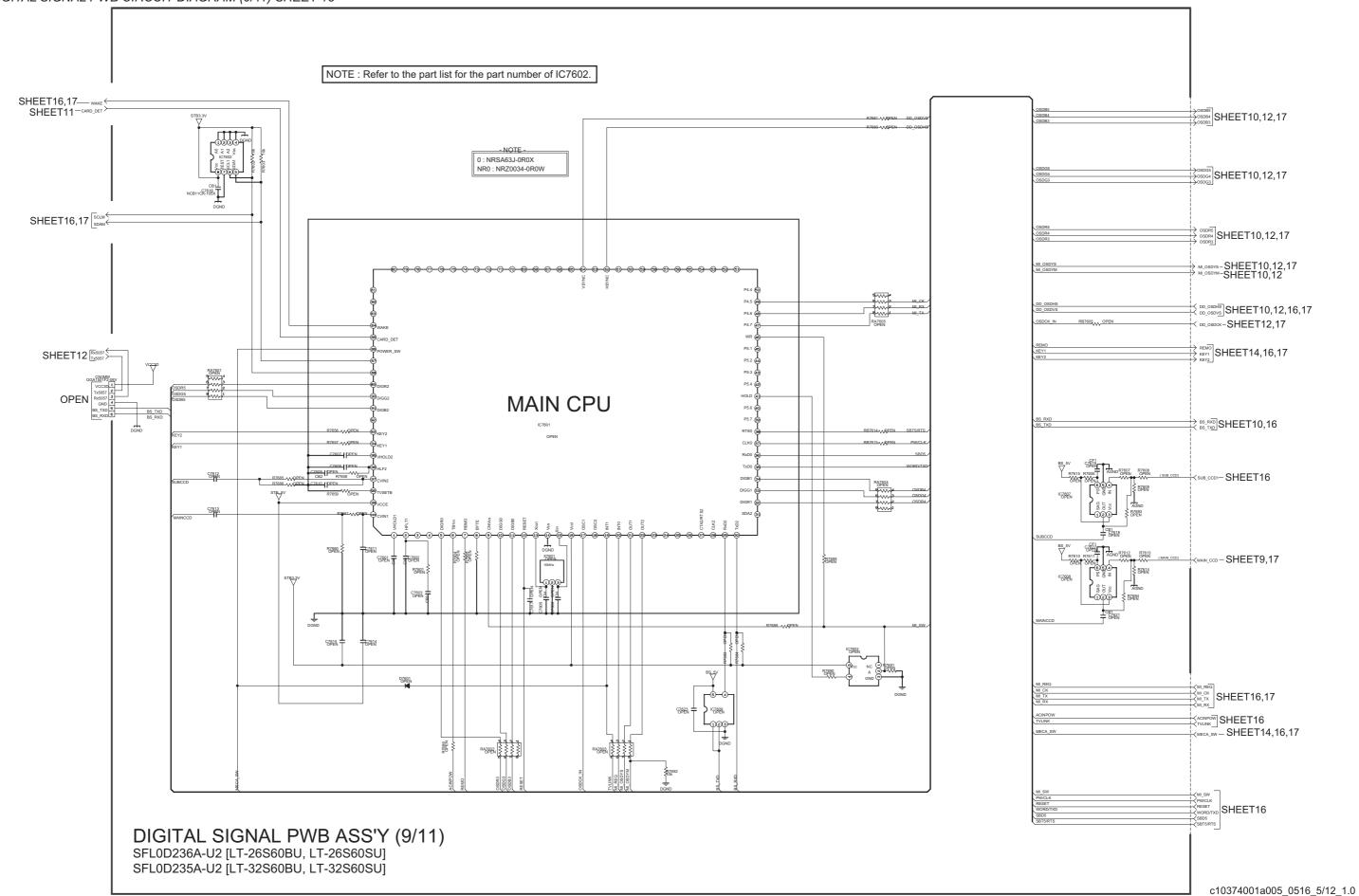


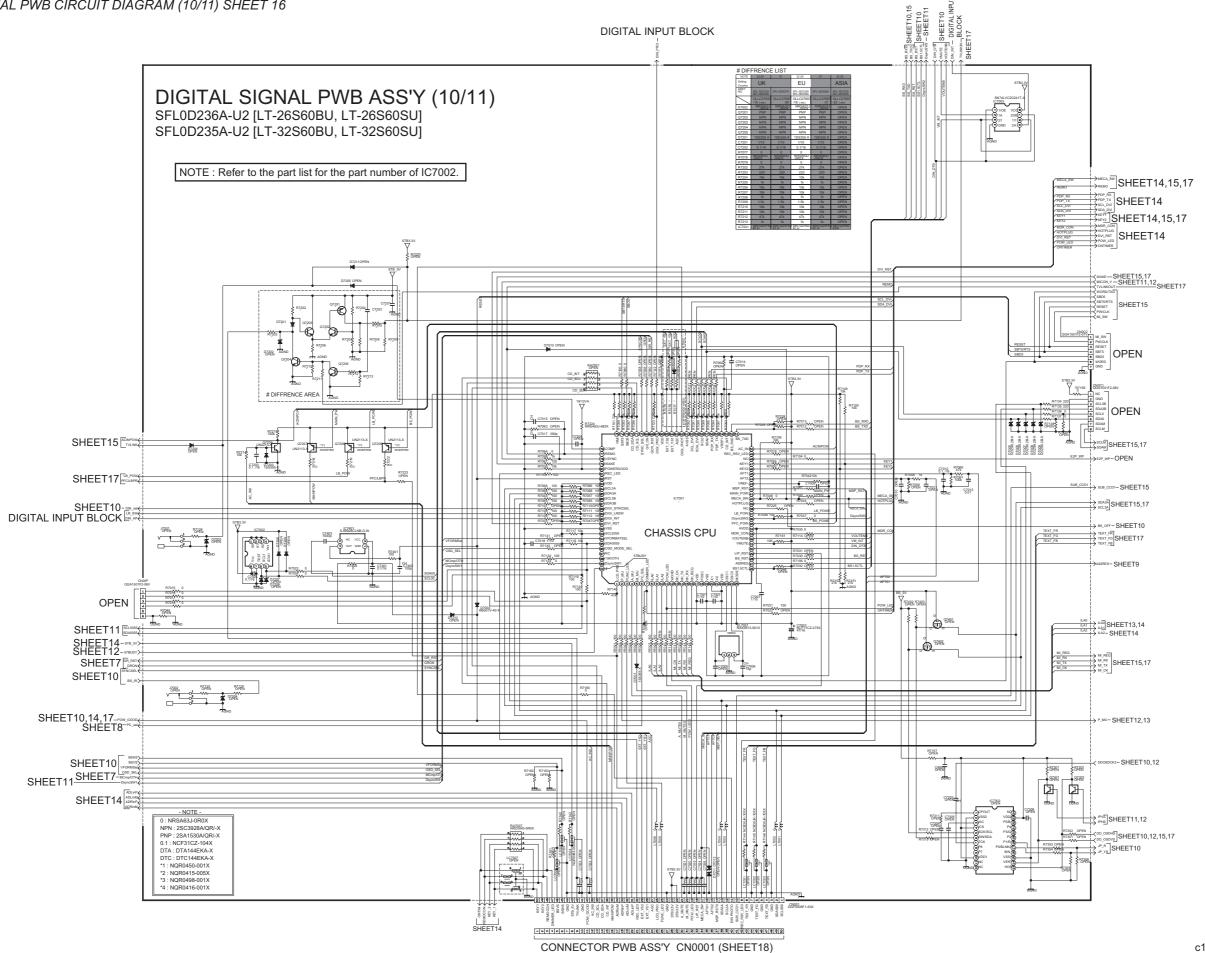
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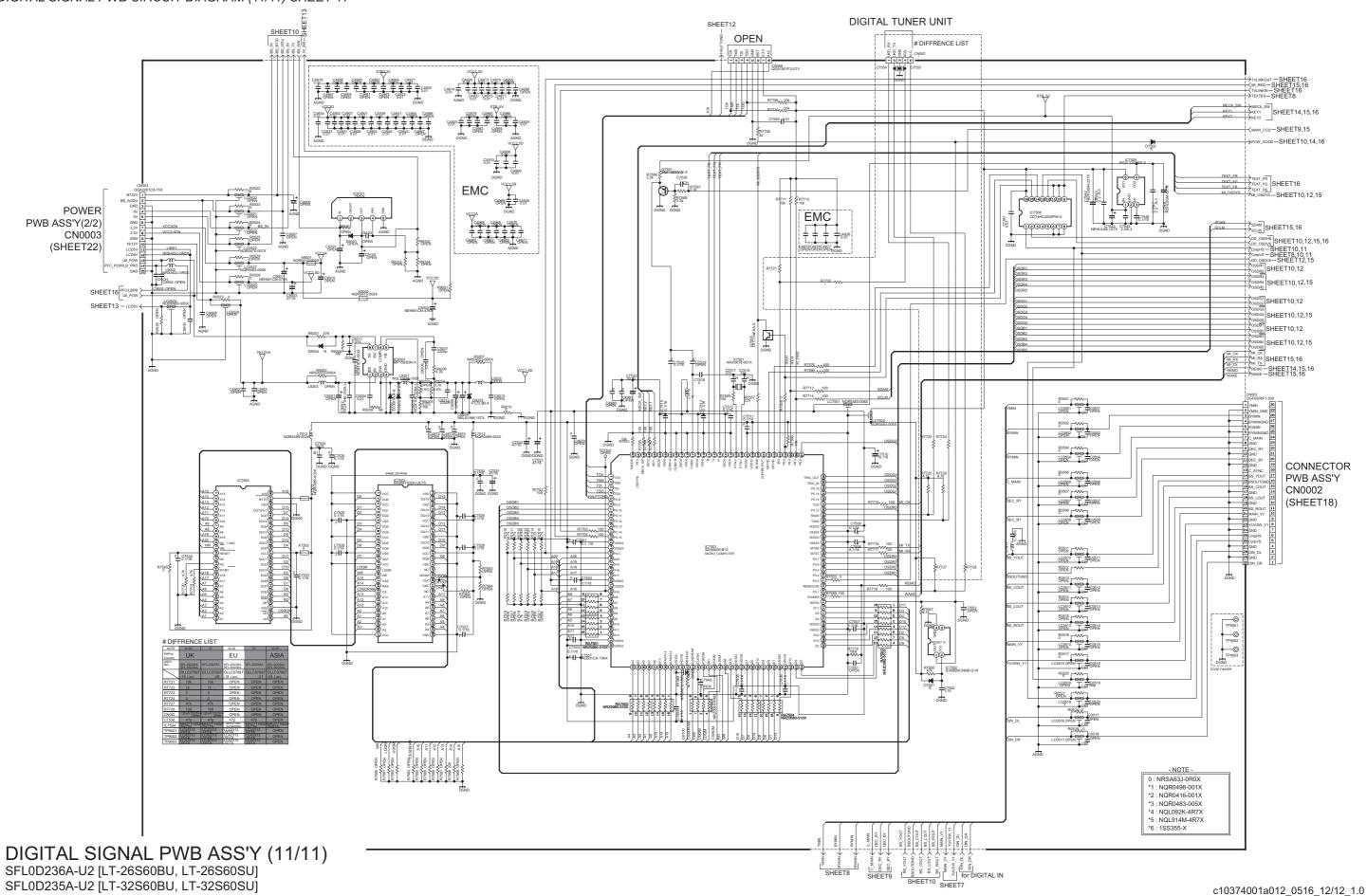
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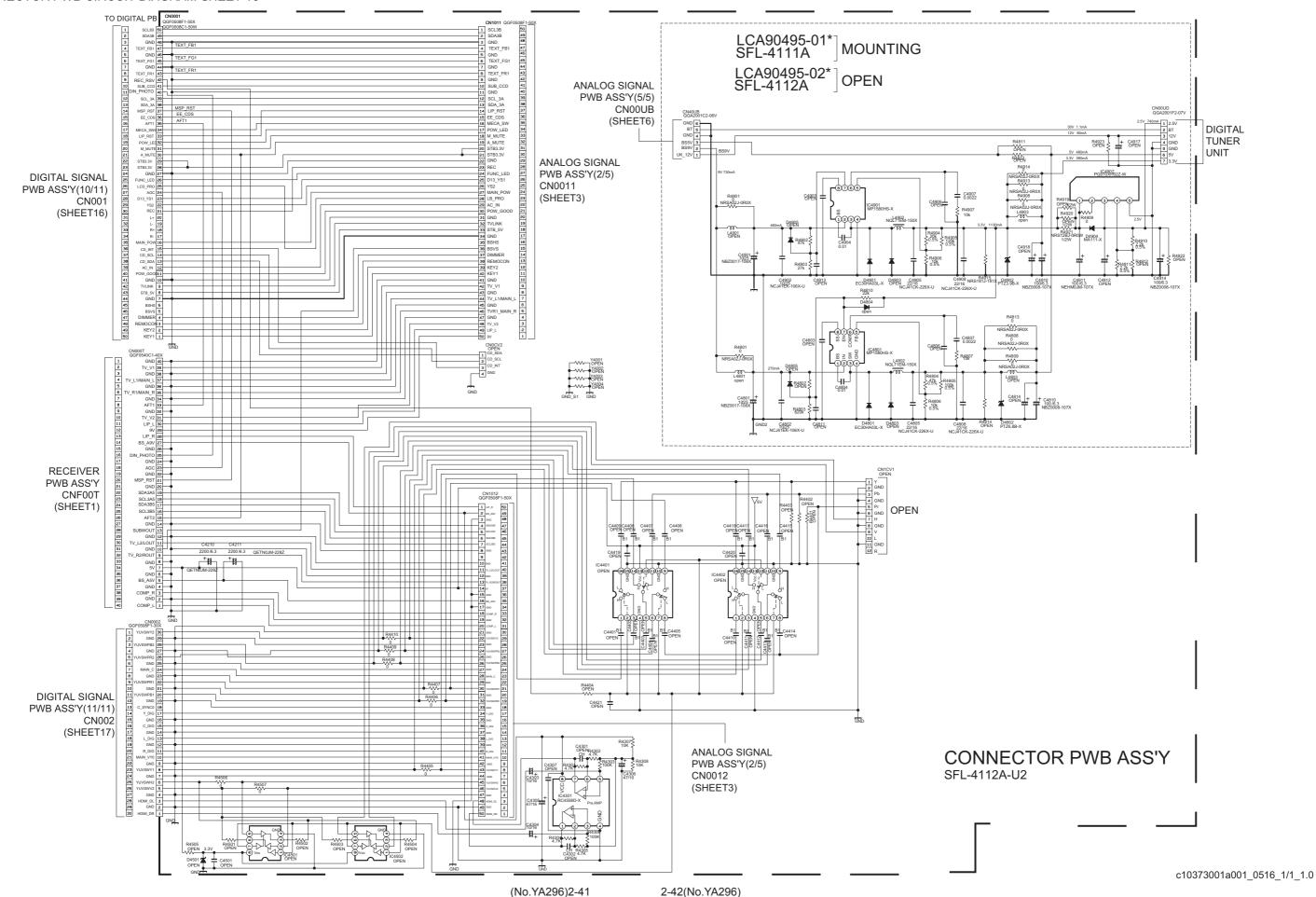


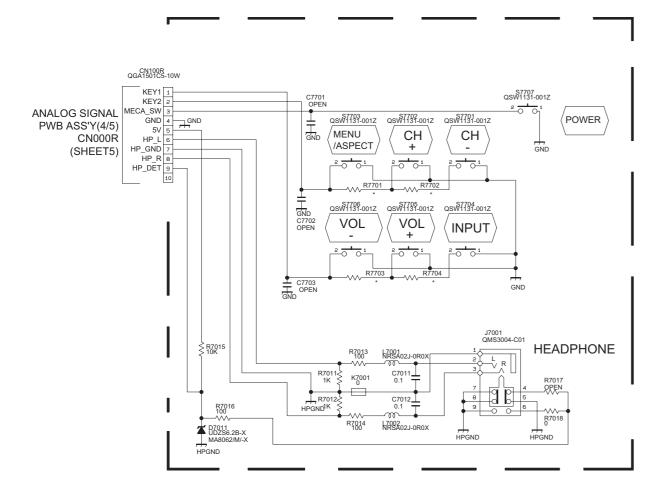


2-38(No.YA296)

(No.YA296)2-37



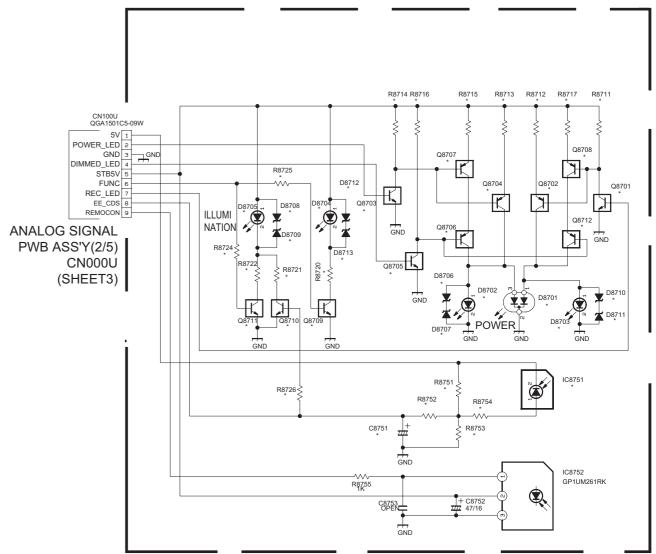




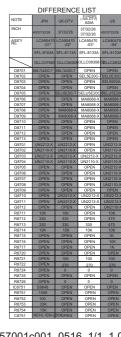
## FRONT CONTROL PWB ASS'Y SFL-7111A-U2

#### DIFFERENCE LIST

NOTE	JPN US	UK-DTV EUROPE (non-DTV) ASIA
	40/37/32/26 40/37/32/26	37/32/26 37/32/26 37/32/26
ASS'Y No.	LCA90469 -01*	LCA90469 -02*
	SFL-7101A	SFL-7111A
	OLLC07662	OLLC0830
R7701	5.6K	4.7K
R7702	15K	8.2K
R7703	5.6K	4.7K
R7704	15K	8.2K

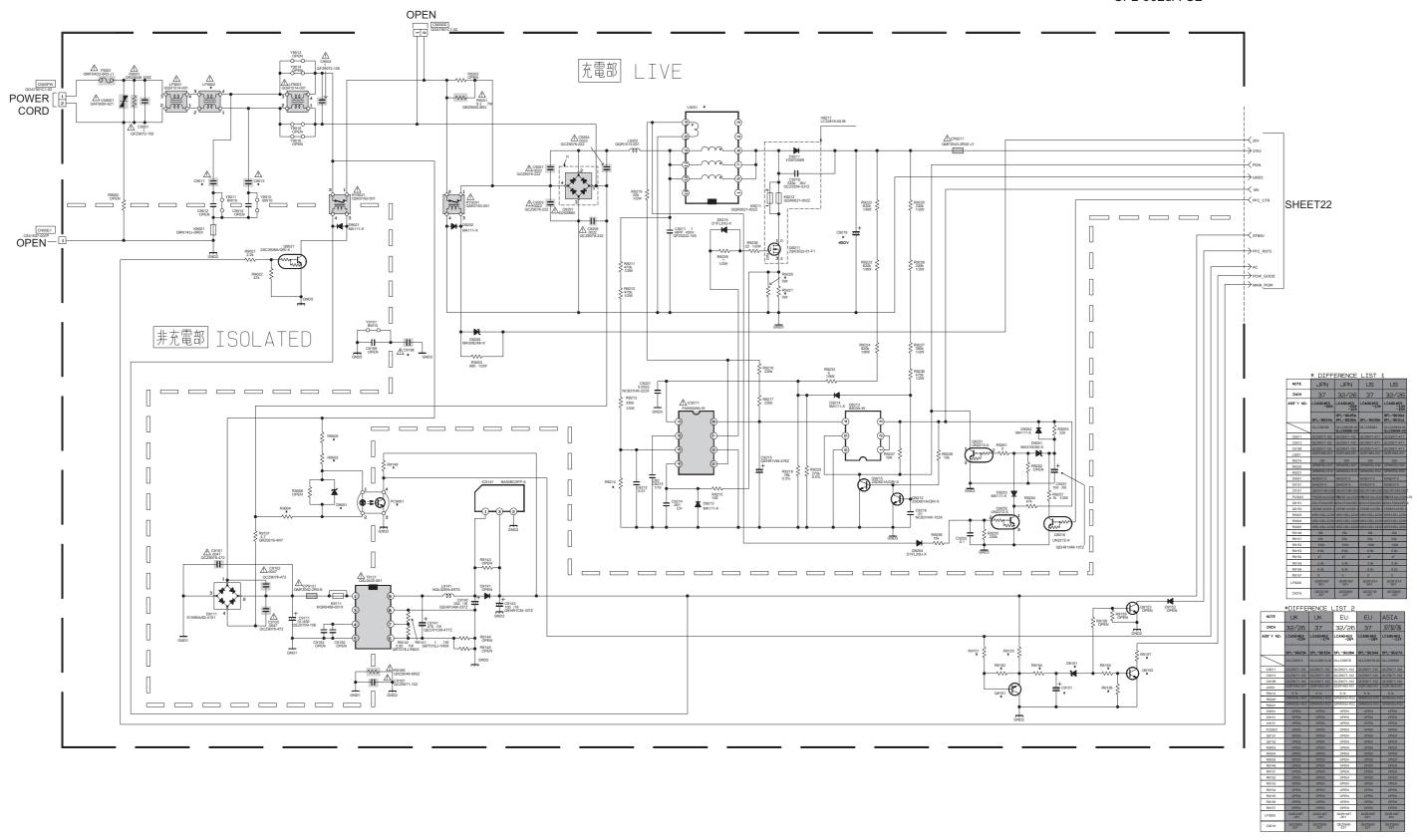


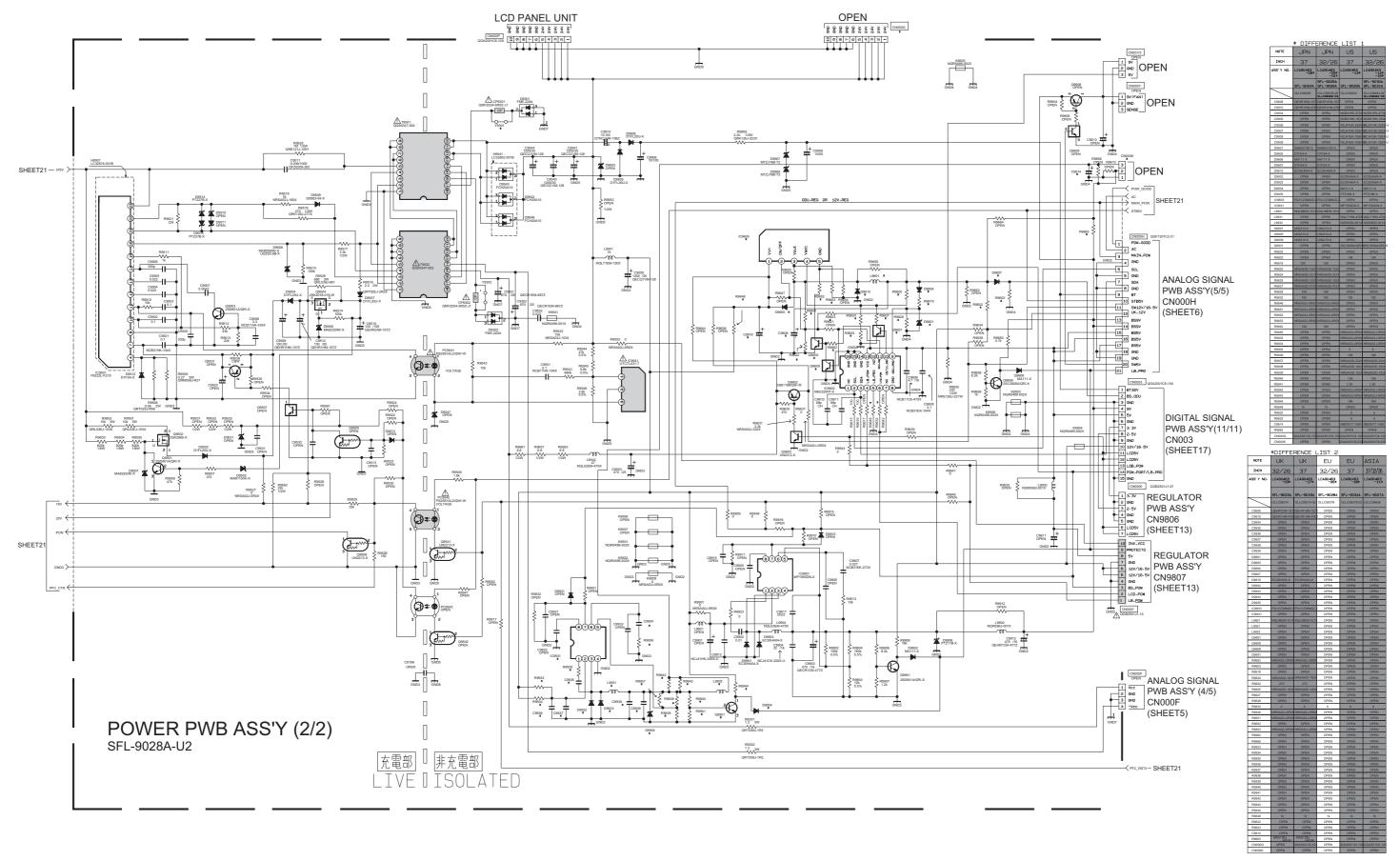
### FRONT LED PWB ASS'Y SFL-8133A-U2

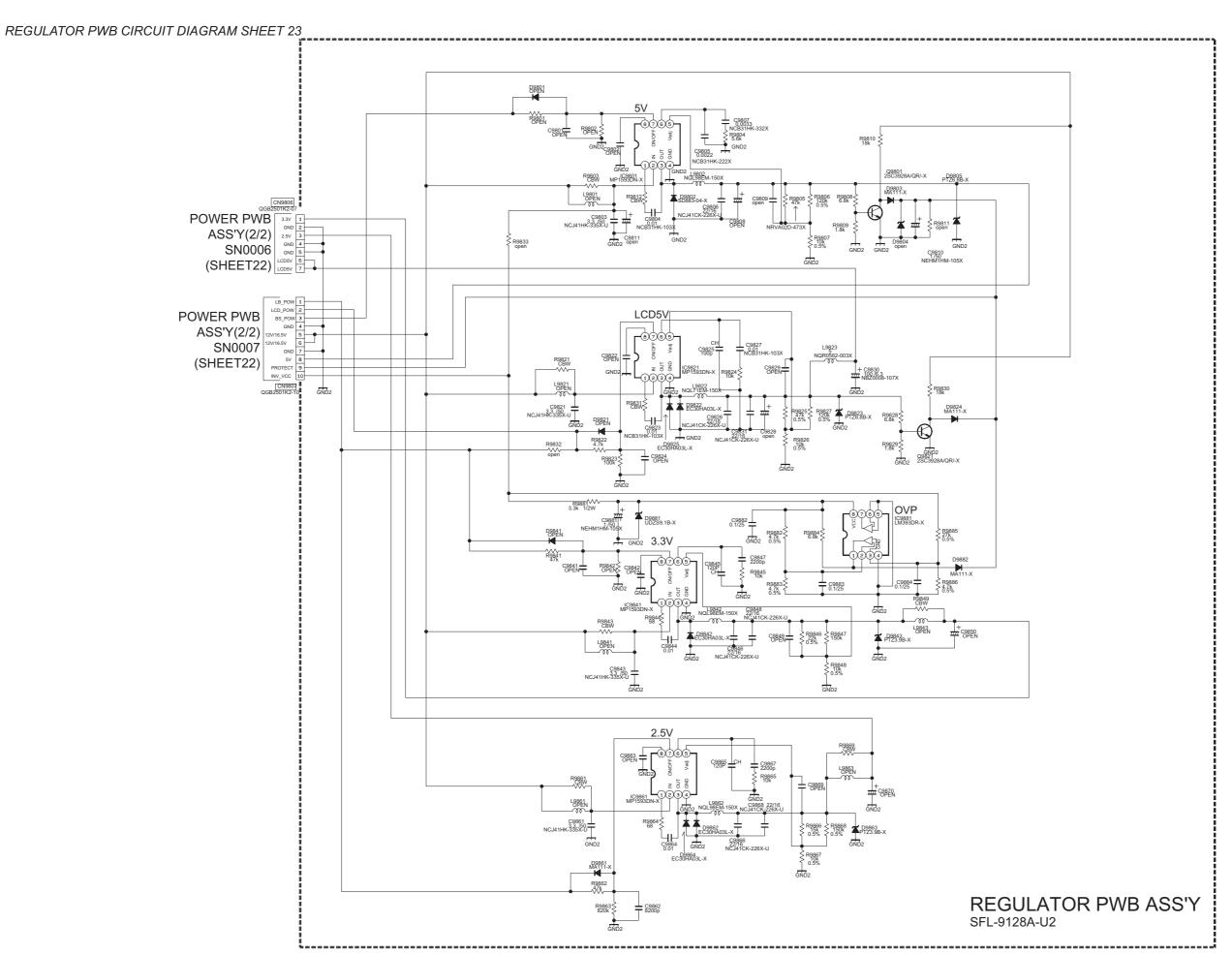


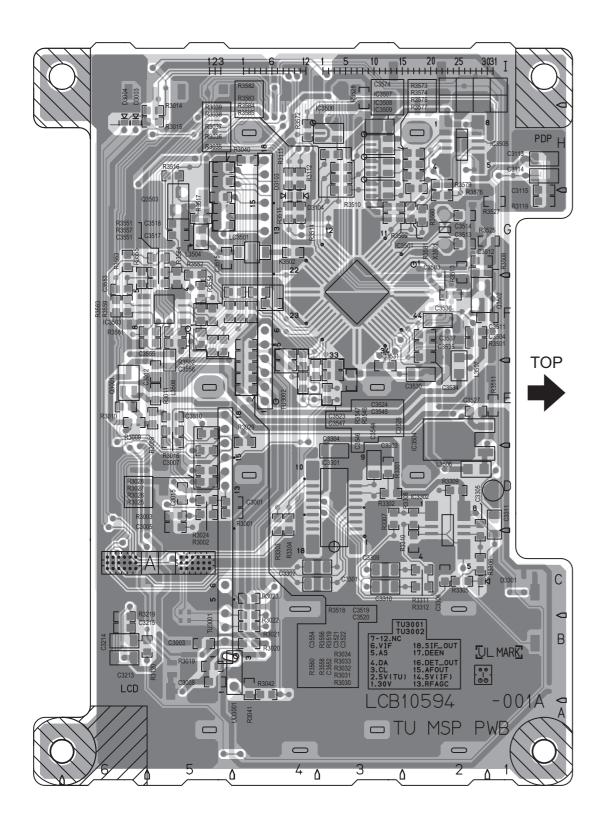
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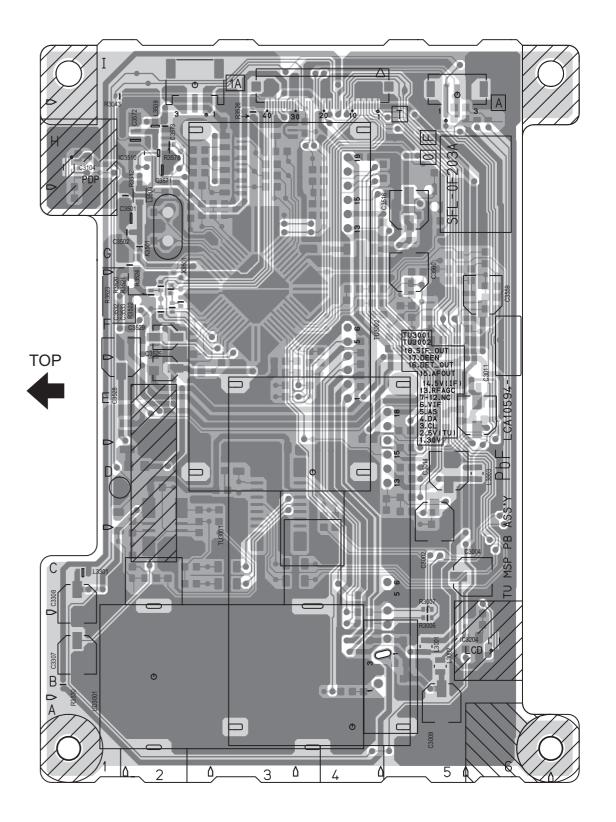
# POWER PWB ASS'Y (1/2) SFL-9028A-U2

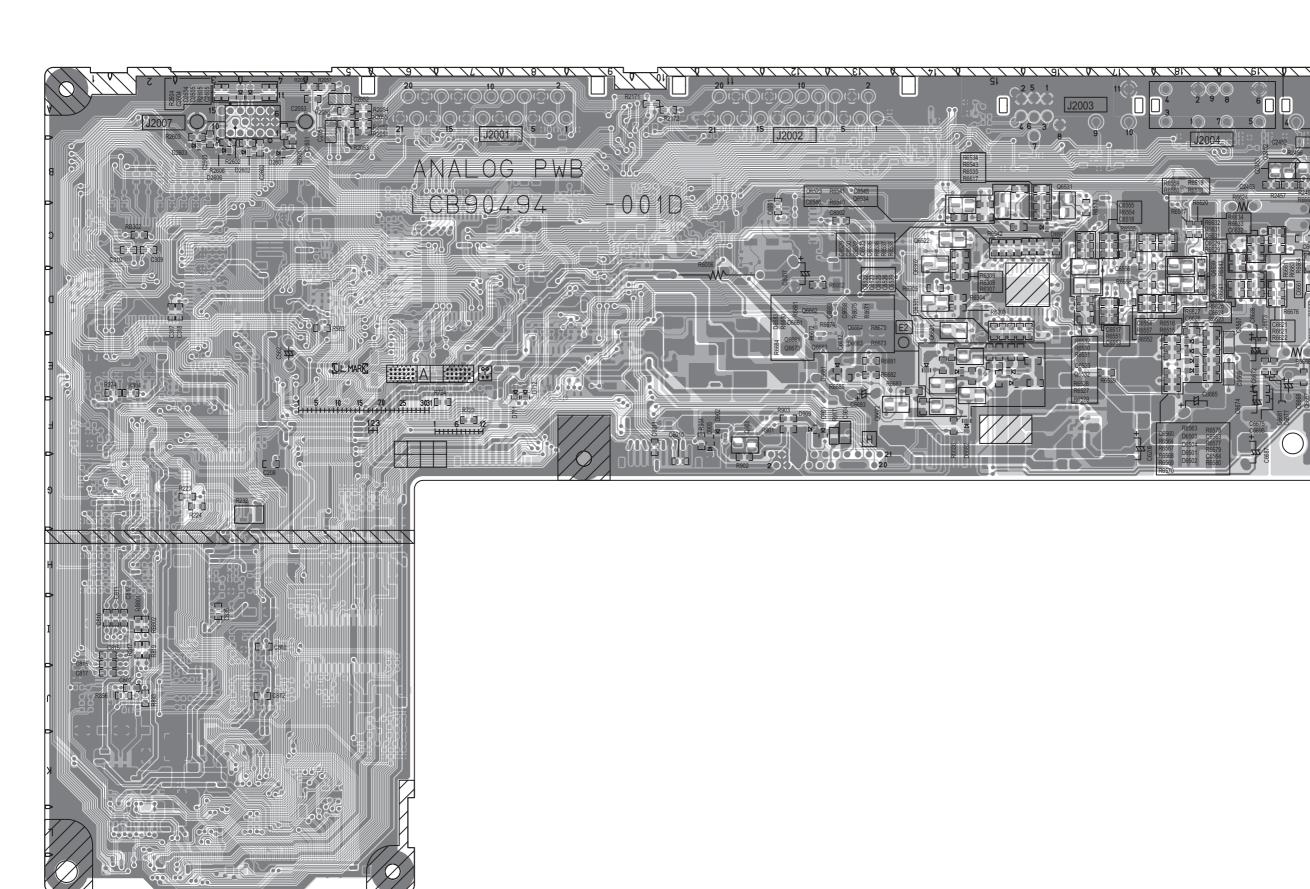


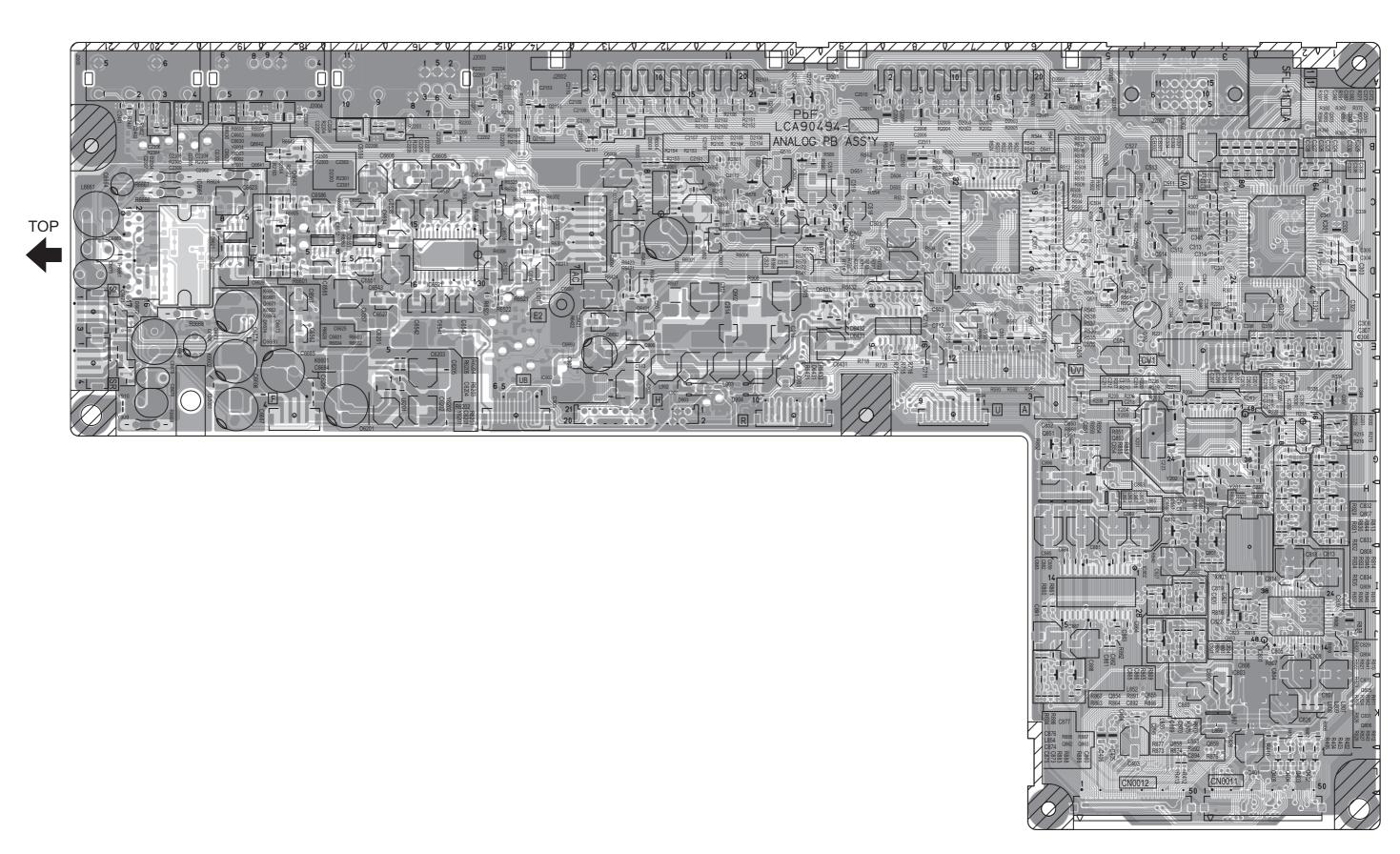


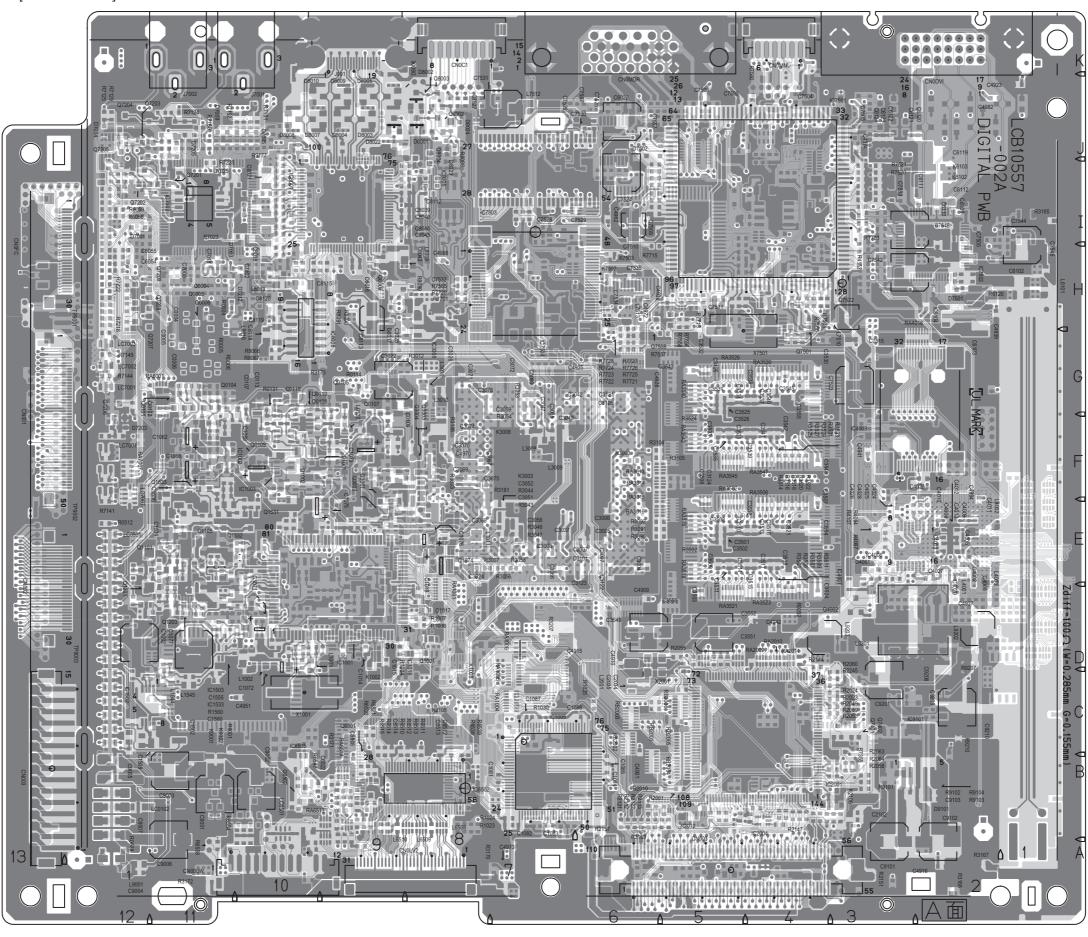




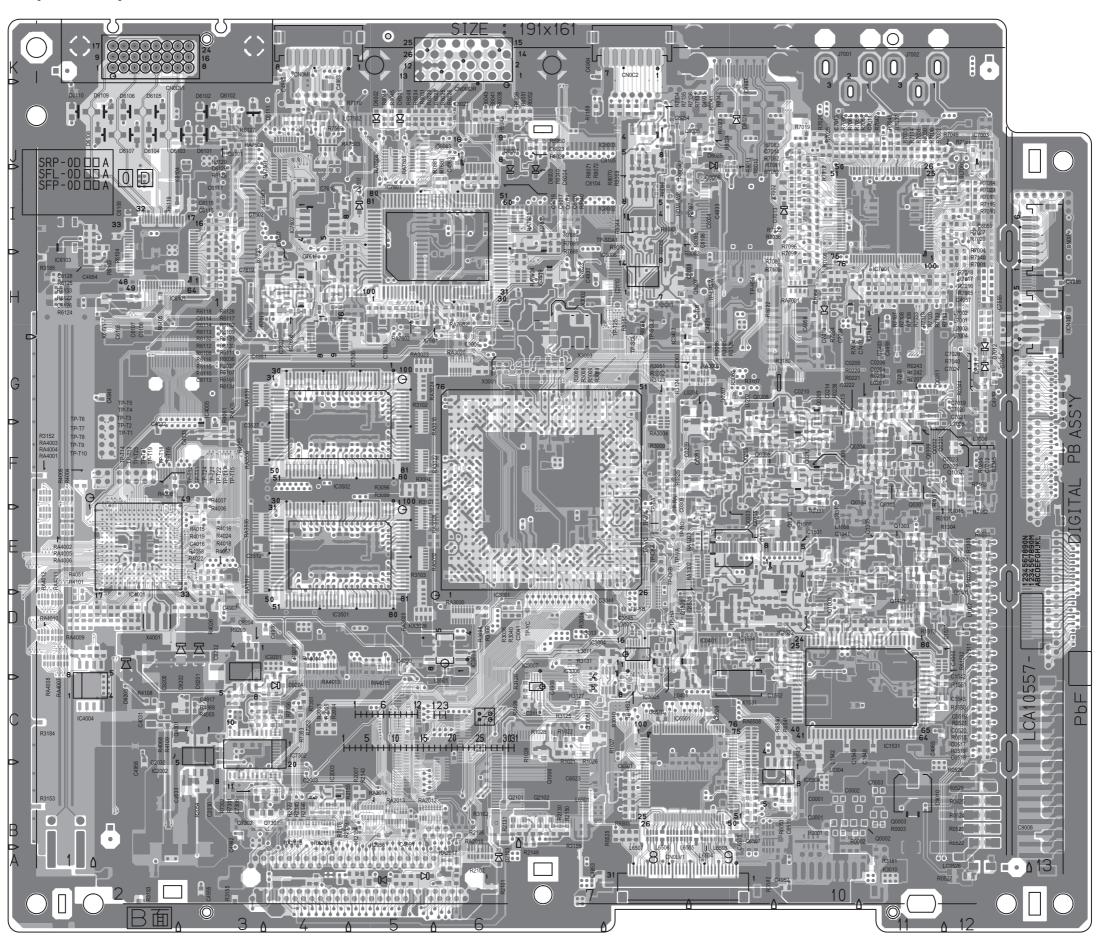




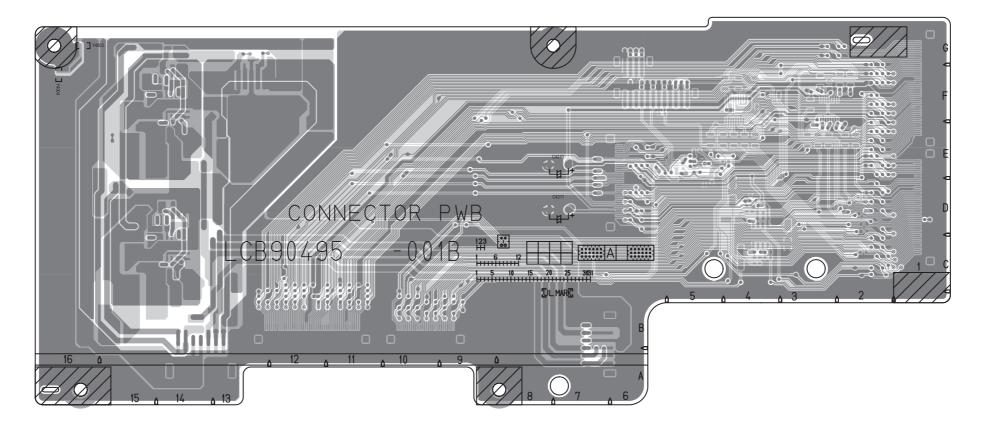






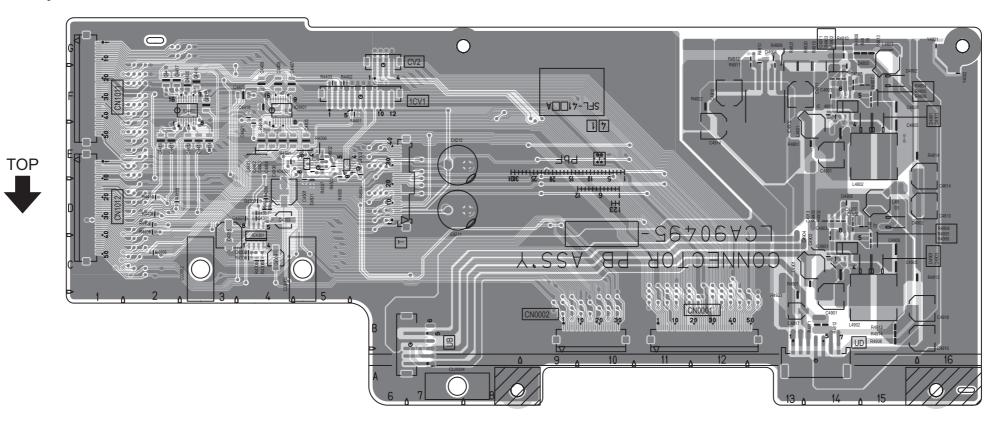


TOP

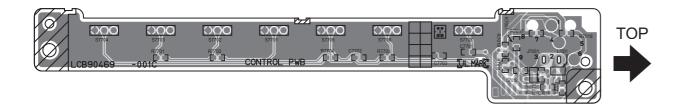


TOP

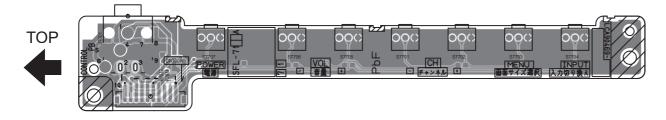
### CONNECTOR PWB PATTERN [PARTS SIDE]



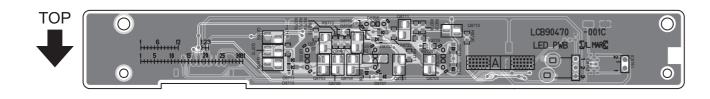
### FRONT CONTROL PWB PATTERN [SOLDER SIDE]



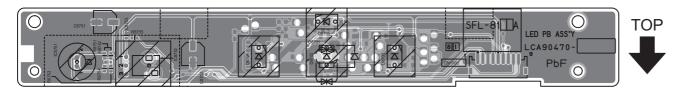
### FRONT CONTROL PWB PATTERN [PARTS SIDE]

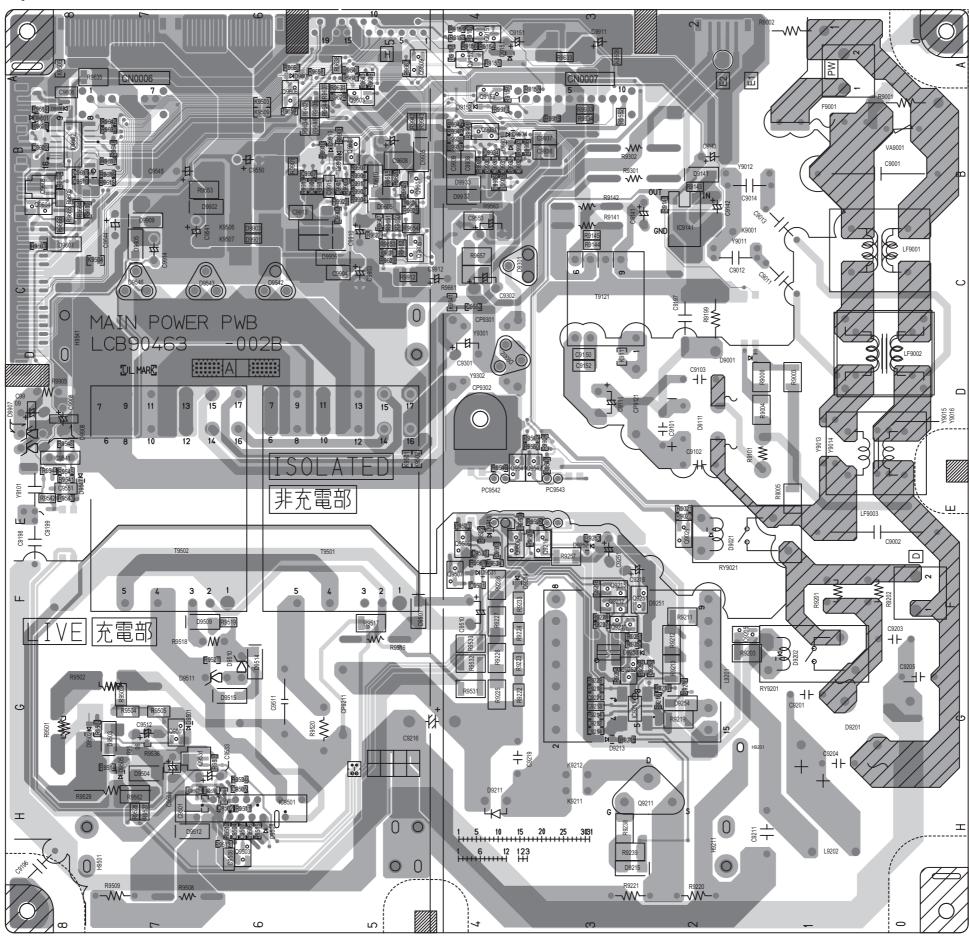


### FRONT LED PWB PATTERN [SOLDER SIDE]

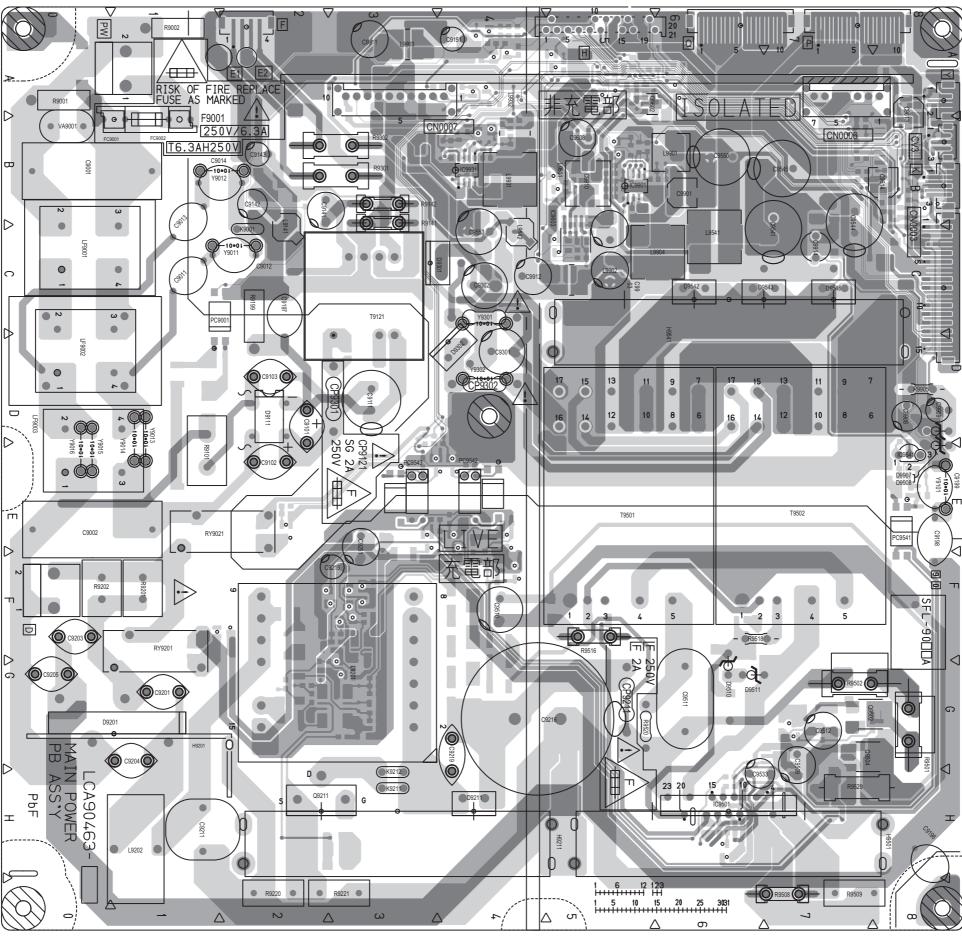


### FRONT LED PWB PATTERN [PARTS SIDE]

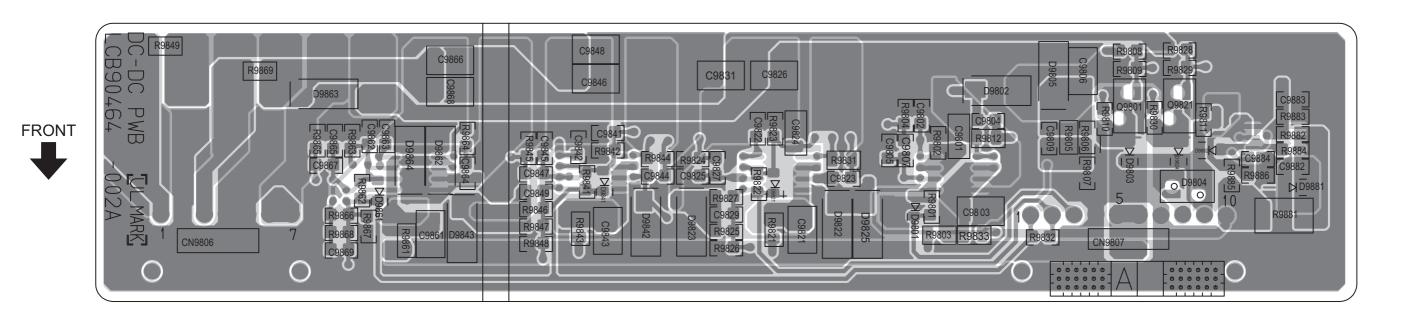




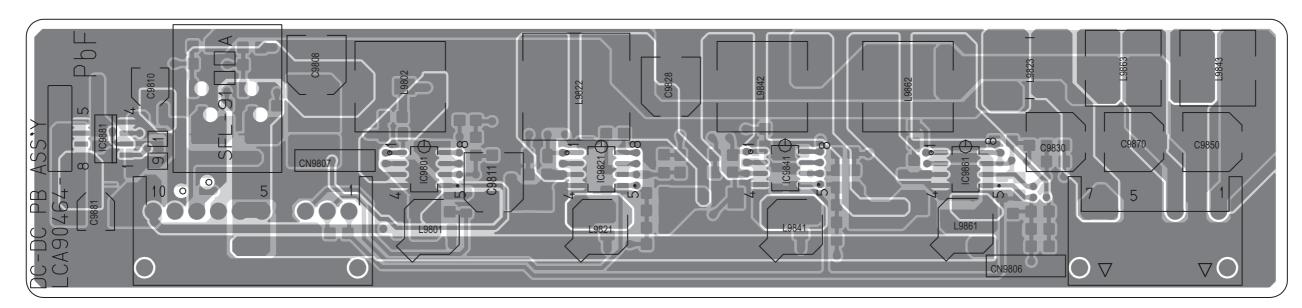








#### REGULATOR PWB PATTERN [SOLDER SIDE]





### VOLTAGE CHARTS \*RECIEVER PWB> \*\*RECIEVER PWB>

<reciever pwi<br="">[P.2-9 - P.2-10]</reciever>	3>																					
MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)
IC3501	Q3001	61 4.5	15 4.8	Q801	25 1.6	56 0	IC6551	Q6661	Q0110	5 0.6	87 0.7	72 0	12 0	57 0.4	53 1.3	20 0	CN000W	35 0	Q7203	65 1.3	28 0	15 3.4
1 5.1	E 2.1	62 4.5	16 5.2	E 2.8	26 1.5	57 4.7	1 6.3	E 16.0	1 0	6 0.2	88 0.8	73 0	13 0	58 1.3	54 1.3	21 0.1	1 0	36 3.3	E 1.9	66 1.3	29 0	16 3.3
2 1.5 3 1.5	C 9.0 B 2.8	63 5.0 64 4.5	1 2.4	C 0 B 2.1	27 0	58 0 59 4.6	3 6.2	C -16.4 B 16.0	3 0.6	Q0311 E 0	89 1.7 90 1.2	74 0 75 3.4	14 0 15 0	59 2.6 60 1.2	55 1.2 56 0.4	22 0	3 0	37 0 38 3.3	C 4.9 B 0.5	67 0.6 68 0	30 0	1 6.2
4 0	Q3502	IC502	2 2.0	Q802	29 0	60 0	4 0	Q6662	4 0.1	C 3.5	91 2.4	76 3.3	16 5.3	61 1.3	57 0.4	24 0	4 0	39 3.2	Q7204	69 3.3	32 0	2 24.0
5 2.4 6 2.3	E 0 C 8.9	1 4.3	3 1.3 4 0	E 2.6	30 0.1 31 5.2	61 4.6 62 0.5	5 6.1 6 6.2	E -16.5 C -0.9	5 0.5 6 0.1	B 0	92 1.2 93 0	77 0 78 0	1 0	62 0 63 1.2	58 1.3 59 2.6	25 1.0 26 1.1	5 0 6 0	40 2.9 41 0	E 0	70 0.3 71 2.9	33 0 34 0	3 1.5
7 0	B 0	3 9.0	5 2.3	B 2.0	32 1.6	63 4.4	7 6.3	B -16.4	Q0201	[P.2-25 - P.2-26]	94 0	79 0	2 0	64 1.3	60 1.3	27 1.1	7 0	42 0	B 0.6	72 0.3	35 0	5 1.2
8 0	Q3503 E 0	4 3.3 5 0	6 5.2 7 2.6	Q804 E 1.5	33 0 34 2.2	64 4.4 65 0	8 12.1 IC6552	Q6663 E 0	E 3.0 C 7.7	MODE PIN NO. DC (V)	95 0.7 96 2.4	80 0	3 0 4 0	65 2.6 66 0	61 1.3	28 1.1	8 0 9 1.2	43 0	Q7205 E 0	73 3.3 74 3.3	36 0 37 3.3	6 0.9 7 3.2
10 2.6	C 5.1	6 9.0	8 0	C 5.2	35 2.5	66 4.6	1 6.2	C 15.9	B 3.7	IC1001	97 1.9	82 0	5 3.3	67 2.6	63 1.2	30 3.3	10 0	45 1.5	C 0.6	75 2.9	38 3.3	8 1.1
11 5.1 12 4.8	B 0 TU3002	1 4.6	9 0.3	B 2.1 Q805	36 2.2 37 0	67 4.6 68 4.6	3 6.1	B 0 Q6673	Q0202 E 8.5	1 2.5 2 0.1	98 0 99 1.1	83 0	1 3.3	68 1.3 69 1.3	64 1.3 65 2.6	31 0 32 3.3	11 1.4 12 0	46 3.3 47 3.3	B 0 Q7206	76 3.1 77 1.5	39 0 40 0	Q7501 E 2.2
13 4.9	1 32.1	2 3.0	11 2.5	E 1.6	38 0	69 0	4 0	E 11.6	C 3.8	3 1.2	100 1.4	85 0	2 0.2	70 0	66 0	IC4004	CN0LV2	48 3.3	E 0	78 3.1	41 0	C 0
14 0 15 2.5	2 5.0 3 5.1	3 9.0 4 2.7	12 5.2 13 4.8	C 5.2 B 2.1	39 0 40 1.7	70 4.4	5 6.1 6 6.2	C 0 B 12.0	B 7.8 Q0203	5 3.4	1 3.3	86 0 87 0	3 0 4 0	71 1.2 72 1.2	67 2.6 68 1.3	2 0	2 0	49 3.3 50 3.3	C 3.2 B 0	79 3.1 80 3.1	42 0.2 43 0	B 1.5 Q7508
16 1.1	4 5.2	5 0	14 4.8	Q806	41 0	72 0	7 6.2	B 12.0	E 0	6 1.6	2 0	88 3.4	5 0	73 2.6	69 1.3	3 0	3 1.4	51 3.3	Q7207	81 3.1	44 0.2	E 0
17 1.2 18 0	5 0	6 2.3 Q507	15 0 16 0	E 1.5 C 5.2	42 5.2 43 0	73 5.2 74 4.7	8 12.1 IC6621	[P.2-19 - P.2-20]	C 1.9	7 1.6 8 0	3 3.4 4 1.3	90 0	6 0.3 7 3.3	74 1.3 75 1.3	70 0	5 3.4	4 1.1 5 0	52 3.3 53 3.3	E 3.3 C 3.2	82 3.3 83 3.2	45 0.3 46 0	C 0 B 0.9
19 5.1	7 NC	E 4.3	17 0	B 2.1	44 0	75 4.7	1 -9.9	MODE PIN NO. DC (V)	Q0204	9 0	5 2.5	91 0.2	8 3.3	76 0	72 1.3	6 3.4	6 0	54 3.3	B 0	84 0	47 0.3	В 0.9
20 0	8 NC 9 NC	C 0 B 3.7	18 0 19 0	Q807 E 1.5	45 1.9 46 5.2	76 4.7 77 0	3 0	1 4.9	E 4.5 C 0	10 1.5	IC1003 1 1.5	92 0 93 0	1 0.3	77 1.3 78 1.3	73 2.6 74 1.3	7 0 8 3.3	7 1.4 8 1.1	55 3.3 56 3.3	Q7208 E 3.3	85 3.3 86 0	48 0.3 49 3.3	<connector pwb=""></connector>
22 5.1	9 NC 10 NC	Q508	20 2.5	E 1.5 C 5.2	47 2.2	78 4.4	4 -16.5	2 0	B 3.8	11 0 12 0	2 0	94 0	2 0.1	79 2.6	75 1.3	6 3.3	9 0	57 0	C 3.3	87 2.5	50 0.3	[P.2-43 - P.2-44]
23 0	11 NC	E 2.8	21 1.7	B 2.2	48 0	79 4.4 80 0	5 0	3 3.3 Q901	Q0205	13 0	3 2.5	95 0	3 0.1	80 1.2	76 0	[P.2-33 - P.2-34]	10 0	58 0	B 0	88 3.3	51 0.2	MODE PIN NO. DC (V)
24 0 25 0	12 NC 13 3.1	C 0 B 2.2	22 1.9 23 1.9	Q808 E 1.6	1 0	80 0 Q301	6 0 7 -9.9	E 12.9	E 0	14 0 15 0	4 2.5 IC1005	96 0 97 2.8	5 0	81 1.2 82 0	77 1.3 78 1.3	MODE PIN NO. DC (V)	11 1.3 12 1.1	59 3.3 60 3.3	Q7209 E 3.3	89 3.3 90 3.1	52 0 53 0.2	1 4.6
26 2.0	14 5.0	Q510	24 0	C 5.2	2 5.1	E 3.7	8 15.3	C 0	B 0	16 0	1	98 0	6 0	83 1.2	79 2.6	IC6502	13 0	61 0	C 3.3	91 3.2	54 0 IC7504	2 4.6 3 4.6
27 2.0 28 0	15 2.2 16 3.7	E 0	25 2.6 26 2.6	B 2.2 Q809	3 0 4 0.1	C 9.0 B 4.4	1 -9.9	B 9.0 Q902	Q0206 E 0	17 1.5 18 0	3 0	99 0	7 0.3 8 3.4	84 1.3 85 0	80 1.2 81 1.3	2 2.2	14 0 15 1.2	62 0.8 63 1.5	B 0	92 2.9 93 0.5	1 0	3 4.6 4 0
29 0	17 2.4	B 0	27 2.6	E 1.5	5 0	Q302	2 -10.3	E 5.9	C 0	19 0	4 0	Q1001	IC3008	86 2.6	82 0	3 1.2	16 1.2	64 0.1	[P.2-41 - P.2-42]	94 0.5	2 0	5 4.6
30 0 31 3.7	18 0	Q2051 E 0	28 0	C 5.2 B 2.1	6 0 7 0.1	E 3.7 C 9.0	4 0	C 5.3 B 5.2	B 0.7	20 0	5 0 6 0	E 0 C 3.3	2 0	87 -0.1 88 -0.1	83 1.3 84 1.3	4 0.8 5 0	17 0 18 0.1	65 0 66 3.3	MODE PIN NO. DC (V)	95 3.1 96 3.1	3 0 4 0	6 4.6 7 4.6
32 0	<analog pwb="" signal=""></analog>		30 0	Q810	8 0	B 4.4	5 16.0	Q903	E 2.7	22 0	7 0.6	B 0	3 0.3	89 -0.3	85 0	6 1.1	19 1.2	67 0	IC7501	97 3.1	5 0	8 9.0
33 8.1 34 6.4	[P.2-11 - P.2-12] MODE   P.C. (14)	B -0.1 Q2052	31 0 32 5.2	E 2.0	9 0.2	Q303 E 3.6	6 12.1	E 0	C 0 B 1.9	23 0	8 0.9 9 1.5	Q1003 E 1.2	5 3.3	90 -0.1	86 2.6 87 -0.5	7 1.2 8 2.5	20 1.2	68 3.3 69 3.3	1 3.2 2 1.1	98 3.3 99 3.3	6 0 7 0	
35 0	PIN NO. DC (V)	E 0	33 2.6	B 1.4	11 0.2	C 9.0	8 -16.5	B 0.7	Q0208	25 0	10 1.5	C 2.4	IC3403	92 0	88 -0.4	9 3.3	22 0	70 0	3 1.1	100 0.7	8 0	<front led="" pwb=""> [P.2-46]</front>
36 0 37 3.7	1 3.9	C 0 B -0.2	34 2.6 35 2.6	Q851 E 1.6	12 0.2 13 0	B 4.4 Q307	9 -3.6		E 1.8 C 9.0	26 0 27 0	11 1.3 12 1.7	B 1.9 Q1004	2 3.3	93 -0.1 94 1.3	90 -0.3	10 0.5 11 0	23 0	71 3.3 72 3.3	4 3.2 5 0	101 3.0 102 3.3	9 0	MODE PIN NO. DC (V)
38 3.7	2 4.4	Q2053	36 0	C 0	14 0	E 2.8	11 0	<digatal pwe<br="" signal="">[P.2-21 - P.2-22]</digatal>	B 2.4	28 0	13 1.6	E 3.1	3 0	95 2.6	91 -0.5	12 0	25 0	73 3.3	6 1.1	103 3.4	11 3.3	IC8752
39 0 40 3.8	3 3.9 4 4.5	E 0 C -0.1	37 5.2 38 4.1	B 1.0 Q853	15 0 16 5.0	C 0 B 2.2	12 12.1 13 16.0	MODE PIN NO. DC (V)	Q0209 1 2.4	30 3.3	14 1.4 15 3.4	B 3.7	4 3.4 IC3501	96 2.5 97 1.2	92 0	13 0 14 1.2	26 0 27 5.1	74 3.3 75 0	7 1.1 8 1.0	104 0 105 1.6	12 0 13 0	1 3.2
41 0	5 4.4	B 0	39 1.8	E 2.0	IC301		14 0	IC1502	2 0.2	31 3.2	16 0	Q1005	1 1.3	98 1.3	94 1.3	15 0.5	28 5.1	76 3.3	9 0.9	106 3.3	14 0	3 0
42 2.6 43 0	6 0 7 0	Q2151 E 0	40 3.3 41 2.0	C 9.0 B 2.6	1 5.2 2 4.8	[P.2-17 - P.2-18] MODE   DC (V)	15 -3.9 16 -10.3	2 0	3 2.4 4 2.5	32 3.3 33 0	17 0 18 0.3	S 3.4 D 3.3	2 2.6 3 1.3	99 -0.1	95 2.6 96 2.6	16 2.4 17 0.1	29 5.1 30 5.0	77 3.2 78 0	10 1.0 11 0	107 0 108 0.6	15 0 16 3.3	Q8703 E 0
44 0	8 4.3	C 0	42 4.7	Q854	3 4.6	PIN NO.	17 -9.9	3 3.6	5 0.2	34 0	19 0.9	G 3.3	4 1.3	IC3502	97 1.3	18 0.8	31 5.1	79 0	12 3.3	109 0.4	17 3.3	C 0
1 4.5	9 4.4	B -0.2 Q2152	43 1.8 44 2.0	E 2.8 C 8.9	5 4.6	1 8.8	Q6301 E 5.3	5 3.6	6 2.5 Q0210	35 0 36 0	20 1.0	Q1006 S 3.3	5 0 6 1.3	1 1.2 2.6	98 1.3 99 0	19 0 20 0.9		80 3.0 81 0	13 0 14 3.3	110 0 111 2.5	18 0 19 0	B 3.2 Q8704
2 4.5	11 4.5	E 0	45 5.2	B 3.4	6 0	2 4.0	C 12.1	6 9.0	1 0	37 0	22 0.9	D 3.3	7 1.3	3 1.2	100 1.3	21 -0.5	[P.2-37 - P.2-38] MODE   DC (V)	82 3.3	15 0	112 0.3	20 0	E 3.5
3 4.4	12 4.5 13 0	C 0 B -0.2	46 2.0 47 3.9	Q855 E 2.0	7 4.6 8 5.0	3 0.3 4 0.5	B 5.9 Q6302	7 3.7 8 0	3 0.6	38 0	23 1.0 24 1.2	G 3.3 Q1101	8 2.6 9 1.2	4 1.3 5 0	1 0	22 0	MODE PIN NO. DC (V)	83 3.3 84 3.3	16 0 17 0	113 0.3 114 0.2	21 0	C 3.3 B 0
5 4.5	14 0	Q2153	48 1.8	C 0	9 4.7	5 4.0	E 5.3		4 0.2	40 0	25 1.0	E 2.6	10 1.3	6 1.2	2 2.6	24 1.1	1 0	85 3.3	18 0	115 0	23 0	Q8710
6 4.5 7 4.5	15 3.9 16 4.4	E 0 C -0.2	1 1.3	B 1.4 Q858	10 0.5 11 4.4	7 0	C 12.1 B 5.9	[P.2-23 - P.2-24]	5 0.6 6 0.2	41 0	26 3.4 27 0	C 9.0 B 3.2	11 0 12 1.3	7 1.3 8 2.6	3 1.3 4 1.3	25 1.7 26 3.2	3 0	86 3.3 87 3.3	19 0 20 0	116 2.5 117 0	24 0 25 0	E 0 C 0.1
8 9.0	17 3.9	B 0	2 3.2	E 2.8	12 4.5	8 0	Q6421	MODE PIN NO. DC (V)	Q0301	43 0.6	28 0	Q1103	13 1.3	9 1.3	5 2.6	27 3.3	4 0	88 0	21 2.4	118 0	26 3.3	B 3.1
1 8.9	18 4.4 19 4.5	Q2171 E 4.7	3 5.2 4 2.6	C 9.0 B 3.4	13 0 14 4.6	9 4.0	E 0 C 5.2	1 3.3	E 3.0 C 7.7	44 1.0 45 0	29 0.1 30 0.2	E 1.6	14 2.6 15 2.6	10 1.3	6 2.6 7 2.6	28 0	5 3.3 6 3.3	89 3.3 90 3.3	22 0	119 2.4 120 0	27 0 28 3.3	Q8711 E 0
2 0	20 0	C 4.4	5 0	Q859	15 0	11 0.5	B 0.3	2 0.1	B 3.8	46 1.5	31 0	B 0.9	16 0	12 1.1	8 1.3	30 2.4	7 0	91 3.2	24 1.6	121 0.5	29 0	C 0
3 8.1 IC3505	21 0	B 0 Q2172	6 1.9 7 2.4	E 3.4 C 0	16 4.7 17 0	12 0.2 13 4.0	Q6431 E 9.0	3 0 4 3.2	Q0302 E 8.5	47 1.5 48 1.4	32 0 33 0	Q1201 E 3.8	17 1.2 18 1.3	13 1.3 14 2.6	Q3001 E 2.2	31 1.5 32 3.3	8 3.3	92 0	25 0 26 1.6	122 0 123 2.4	30 0	B 3.2
1 0.6	23 4.5	E 0	8 0	B 2.8	18 4.6	14 0	C -0.1	5 3.4	C 3.8	49 1.7	34 0	C 9.0	19 0	15 2.6	C 3.3	33 0	[P.2-39 - P.2-40]	94 0	27 1.9	124 2.4	32 0	
3 1.1	24 3.9 25 4.4	C 4.8 B 0	9 0	Q862 E 1.0	19 0.5 20 4.4	1 16.0	B 8.9 Q6521	Q0101 E 3.1	B 7.7 Q0303	50 0 51 1.5	35 1.4 36 3.4	B 4.4 Q1203	20 1.2	16 0 17 1.3	B 2.8 Q3002	34 3.4 35 0	MODE DC (V)	95 3.3 96 0	28 3.2 29 0	125 2.4 126 2.9	33 0 34 0.1	
4 0	26 4.5	Q2173	11 5.1	C 4.1	21 4.4	2 3.0	E 0	C 7.7	E 0	52 0	37 0	E 2.0	22 2.6	18 1.2	E 2.9	36 0	IC7001	97 0	30 0	127 0.9	35 0	
5 0 6 0	27 0 28 4.9	E 0	12 0	B 1.6 Q863	22 0	3 12.1 4 2.6	C 0 B 0	B 3.8 Q0102	C 1.9 B 0	53 2.5 54 1.5	38 0 39 0	C 0 B 1.4	23 0.4 24 0.4	19 0 20 1.3	C 0 B 2.2	37 1.3 38 1.2	1 0	98 0 99 3.3	31 0 32 3.2	128 0 IC7502	36 0 37 3.3	
7 0.6	29 4.4	B 3.8	13 5.2 14 0	E 3.5	24 0	5 0	Q6522	E 8.4	Q0304	55 1.3	40 3.4	Q1301	25 1.8	21 1.3	Q3003	39 1.3	3 3.3	100 3.4	33 2.9	1 3.3	37 3.3 38 0	
8 2.5 IC3506	30 3.9 31 4.5	Q2451 E 0	15 4.8 16 4.7	C 5.1 B 4.1	25 0 26 4.3	1 6.1	E 0	C 3.6 B 7.7	E 4.6 C 0	56 0 57 0	41 0 42 0	E 3.7 C 9.1	26 1.3 27 1.8	22 2.6 23 0.4	E 0.7 C 3.3	40 1.2	4 0	1 0	34 1.3 35 2.2	3 0	39 0 40 0	
1 0	32 9.0	C 0	17 0	В 4.1	27 4.3	2 6.1	B 0	Q0104	B 3.8	58 1.5	43 0	B 4.3	28 0	24 0.4	C 3.3 B 1.3	41 1.1 42 1.3	5 0 6 0	2 0	36 1.6	4 0	41 0	
2 0.5 3 0	33 4.6 34 4.8	B 0	18 0	[P.2-15 - P.2-16]	28 0	3 6.1	Q6523	E 4.4 C 0	Q0305 E 0	59 1.5	44 0	Q1303	29 0.7 30 .0.7	25 1.3	Q3004	43 0	7 3.3	3 0 4 0	37 1.3 38 0	IC7503	42 0	
4 0.9	35 0	Q2452 E 0	19 2.5 20 5.2	MODE PIN NO. DC (V)	29 0 30 4.3	4 6.1 5 6.1	E 0	B 3.6	E 0 C 0.2	60 0	45 0.2 46 0	E 2.5 C 0	31 0.7	26 1.3 27 1.3	E 1.4 C 0	44 3.4 45 1.1	9 0	5 3.3	39 3.0	1 3.2 2 0.2	43 0.1 44 0	
5 5.1	36 3.8	C 0	21 0	IC201	31 9.0	6 6.1	B 0	Q0105 E 0	B 0	62 0	47 2.7	B 1.8	32 0.7	28 0	B 0.8	46 1.4	10 3.3	6 3.3	40 1.1 41 0	3 3.3	45 0	
1 0	37 4.4 38 4.5	B 0 Q2453	22 2.7 23 2.7	2 0	32 4.4 33 4.5	7 6.1 8 6.1	Q6531 E 0	C 0	Q0306 E 0	63 1.0 64 3.4	48 0 49 0	Q1401 E 3.7	33 0.7 34 0.7	29 0.7 30 0.7	[P.2-31 - P.2-32]	47 1.1 48 1.4	11 3.2 12 3.3	7 0 8 3.3	41 0	4 0.3 5 0.3	46 0 47 3.3	
2 1.1	39 3.7	E 0	24 3.5	3 0	34 0	9 0.9	C 2.8	B 0.6	C 0	65 1.2	50 3.3	C 9.0	35 2.6	31 0.7	MODE PIN NO. DC (V)	49 0	13 3.1	IC7003	43 0.9	6 0	48 3.3	
3 0 4 0.6	40 4.5 41 4.4	C 0 B 0	25 3.4 26 0	5 2.2	35 4.4 36 4.4	10 6.1 11 3.0	B 0 Q6532	Q0107 E 1.5	B 0.7 Q0307	66 1.0 67 0	51 1.0 52 1.2	B 4.4 Q1403	36 0.7 37 0	32 0.7 33 0.7	IC4003	50 0.5 51 0.9	14 3.3 15 3.3	1 3.3	44 3.3 45 3.3	7 0.3 8 0.3	1 4.8	
5 2.5	42 9.0		27 3.4	6 0	37 0	12 3.0	E 0	C 0	E 2.5	68 0.9	53 0.9	E 2.5	38 0	34 0.8	1 0	52 0.6	16 3.2	3 3.3	46 1.1	9 3.3	2 0	
1 0	43 4.5 44 4.3	[P.2-13 - P.2-14]	28 1.6 Q402	7 0 8 1.8	38 4.4 39 4.5	13 4.7 14 4.8	C 0 B 0.6	B 0.9 Q0108	C 0 B 1.9	69 0.9 70 1.5	54 0.9 55 0	C 0 B 1.9	39 0 40 0	35 2.6 36 0.7	3 -0.1	53 0 54 0.7	17 3.3 18 3.3	5 3.3	47 1.9 48 0	10 0.3 11 0.3	3 1.2 4 2.5	
2 2.5	45 4.5	MODE PIN NO. DC (V)	S 3.1	9 0	40 4.5	15 0	Q6533	E 0.9	Q0308	71 0.9	56 0.9		41 0	37 0	4 0	55 0.5	19 0	6 3.3	49 0	12 0	5 3.3	
3 0 4 1.2	46 3.7 47 4.4	1C711 5.2	D 3.0 G 4.8	10 2.9 11 0	41 4.5 42 0	16 12.1 17 0	E 0	C 9.0 B 1.5	E 1.8 C 9.0	72 0.9 73 0	57 0.9 58 0.9	[P.2-29 - P.2-30]	42 0	38 1.0 39 0	5 0 6 0	56 0.1 Q4001	20 3.3	7 3.3 8 3.3	50 3.3 51 1.0	13 0.2 14 3.3	1 0.3	
5 2.5	48 0	2 0	Q403	12 2.9	43 4.3	18 0	B 0.6	Q0109	B 2.4	74 2.4	59 2.4	MODE PIN NO. DC (V)	44 0	40 0	7 3.3	E 0	22 3.3	IC7401	52 0	15 0	2 3.4	
1 0	49 4.8 50 4.5	3 4.6 4 4.6	S 3.1 D 3.0	13 0 14 2.3	44 4.4 45 0	19 6.1 20 5.9	Q6534 E 0.7	1 1.5 2 0.1	Q0309 1 2.3	75 0.3 76 0	60 3.3	1 3.3	45 0.7 46 0	41 0	8 3.3 9 0	C 1.2 B 0.5	23 1.5 24 1.5	2 3.3	53 3.3 54 1.9	16 3.3 17 0	3 0.2 4 0.2	
2 2.2	51 4.5	5 0.3	G 4.7	15 0	46 4.3	21 6.1	C 0.6	3 0	2 0.2	77 1.7	62 0	2 0	47 0.7	43 0	10 0	Q6501	25 3.3	3 0	55 1.6	18 0	5 0.2	
3 0 4 1.1	52 4.5 53 4.4	6 4.6 7 0.3	Q404 S 3.1	16 1.7 17 0	47 8.9 48 4.7	22 6.1 23 6.1	B 0.1 Q6538	4 1.5 5 0.1	3 2.5 4 2.5	78 1.6 79 0	63 1.4 64 1.6	3 1.0 4 0.2	48 0.7 49 0.7	44 0 45 0.7	11 0 12 0	E 0 C 3.3	26 3.3 27 0	4 3.3 Q7201	56 1.0 57 1.0	19 3.3 20 0	6 0 7 0	
5 2.5	54 4.5	8 0	D 3.3	18 4.8	49 0	24 6.1	E 0	6 1.5	5 0.2	80 1.1	65 1.7	5 3.3	50 0.8	46 0	13 0	B -0.2	28 3.3	E 4.9	58 0.7	21 0	8 0	
1C3510 1 2.5	55 3.7 56 4.0	9 5.3 10 5.2	G 5.2 Q405	19 4.8 20 0	50 4.7 51 0	25 6.1 26 6.1	C 0 B 0	_	6 2.5 Q0310	81 -0.1 82 1.7	66 1.3 67 3.4	6 1.0 7 0	51 0.7 52 0	47 0.7 48 0.8	14 0 15 0	Q6502 E 0	29 3.3 30 3.3	C 4.8 B 4.2	59 1.0 60 0	22 0	9 0	
2 0	57 0	11 5.2	S 3.1	21 4.2	52 4.7	27 6.1	Q6539		1 0	83 1.2	68 1.5	8 0.1	53 1.3	49 0.7	16 0	C 0	31 3.3	Q7202	61 3.3	24 0	11 0	
3 5.1 4 5.1	58 0 59 4.4	12 5.3 13 0	D 3.3 G 5.2	22 3.4	53 0 54 4.4	28 6.1 29 6.1	E 0		2 0.6 3 0.6	84 0 85 0	69 1.5 70 1.0	9 0	54 1.4 55 1.2	50 0.7 51 0.7	17 0 18 0	B 0	32 3.3 33 0	E 1.9 C 4.2	62 1.0 63 0.3	25 0 26 0	12 3.3 13 0.1	
. , 0.1	60 3.8	14 4.8		24 0	55 4.4	30 6.1	B 0		4 0.1	86 2.4	71 0.6	11 0	56 0.4	52 0	19 0		34 3.3	B 2.4	64 0.2	27 3.3	14 3.4	

(No.YA296)2-71

2-72(No.YA296)

#### <POWER PWB>

[P.2-47 -	P.2-48]					
MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)		MODE PIN NO.	DC (V)
IC9141		Q9501		1	IC9881	
1	5.6	E	0		1	0
2	0	С	0	1	2	4.6
3	4.9	В	0.7	1	3	3.5
IC9211		Q9502		]	4	0
1	2.5	S	0		5	0
2	2.1	D	375.1	1	6	0
3	1.5	G	1.0	]	7	0
4	0.1	Q9503			8	9.2
5	4.6	E	0	1	Q9801	
6	0	С	0.1	1	E	0
7	4.1	В	0.6	1	С	0
8	20.0	Q9504		1	В	0.6
Q9021		S	22.4	1	Q9821	
E	0	D	37.4		E	0
С	0	G	20.8	1	С	0
В	0.7	Q9506		1	В	0.6
Q9211		E	0			
S	0.1	С	10.0	1		
D	209.5	В	0.1	1		
G	4.1	Q9541		]		
Q9212		E	0			
Е	0	С	0			
С	10.0	В	3.2			

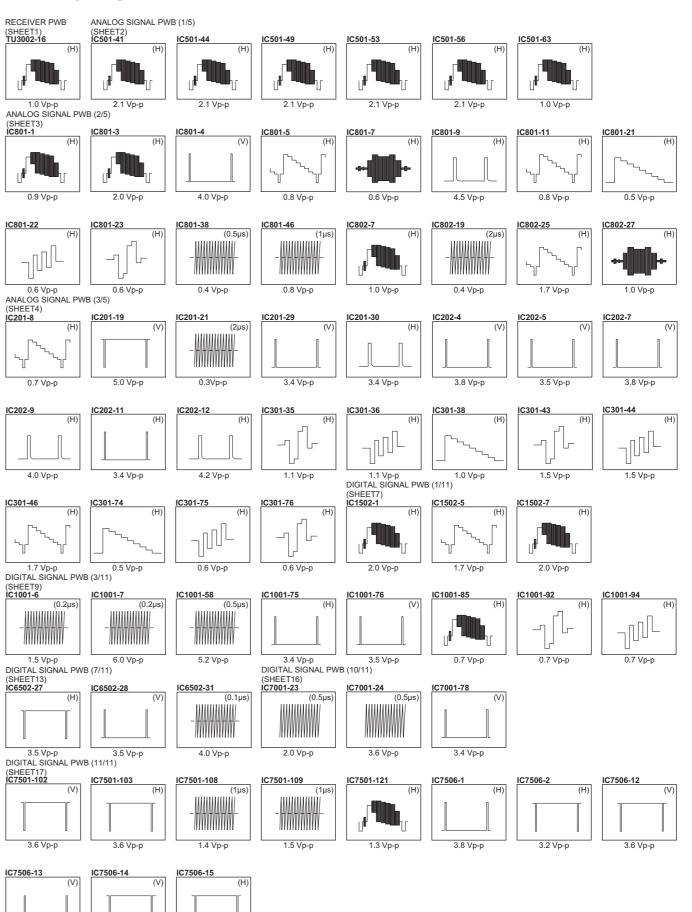
E 12.3 C 12.9 B 13.0

CN000P 1 24.0

# [P.2-49 - P.2-50] MODE DC (V)

PIN NO.	DC (V)		
IC9501		<regula< th=""><th>TOR PWE</th></regula<>	TOR PWE
4	0	[P.2-51 -	
7	20.1	MODE	DC (V)
8	0	PIN NO.	(-,
10	4.9	IC9801	
11	1.1	1	9.7
12	5.0	2	24.0
13	3.0	3	5.2
14	0.8	4	0
15	4.9	5	1.2
16	1.3	6	1.0
19	250.5	7	6.1
20	249.1	8	1.1
23	375.8	IC9821	
IC9541		1	9.7
1	2.4	2	24.0
2	0	3	5.2
3	10.6	4	0
C9602		5	1.1
1	0	6	1.0
2	4.8	7	5.1
3	4.8	8	1.1
4	5.3	IC9841	
5	0.1	1	8.1
6	5.3	2	24.0
7	0	3	3.3
8	0	4	0
9	0	5	1.2
10	0	6	0.9
11	5.3	7	3.3
12	0	8	1.1
13	5.3	IC9861	
14	0	1	7.5
15	0	2	24.0
16	0	3	2.8
IC9901		4	0
1	13.4	5	1.2
2	24.0	6	1.0
3	9.0	7	3.1
4	0	8	1.1
5	12		

### **WAVEFORMS**



(No.YA296)2-73

2-74(No.YA296)

3.4 Vp-p

3.6 Vp-p

3.8 Vp-p





Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

VPT

## **PARTS LIST**

### **CAUTION**

- The parts identified by the A symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

#### ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

	RESISTORS	CAPACITORS			
CR	Carbon Resistor	C CAP.	Ceramic Capacitor		
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor		
PR	Plate Resistor	M CAP.	Mylar Capacitor		
VR	Variable Resistor	CH CAP.	Chip Capacitor		
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor		
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor		
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor		
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor		
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor		
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor		
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor		
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor		
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor		
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor		
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor		
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor		
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor		
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor		
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor		

	RESISTORS								
F	G	J	K	M	N	R	Н	Z	Р
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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PACKING	
DACKING DADTS LIST	

## **USING P.W. BOARD & REMOTE CONTROL UNIT**

P.W.B ASS'Y	LT-26S60BU	LT-26S60SU	LT-32S60BU	LT-32S60SU
ANALOG SIGNAL P.W.B	SFL-1112A-U2	←	←	<b>←</b>
CONNECTOR P.W.B	SFL-4112A-U2	<b>←</b>	<b>←</b>	<b>←</b>
FRONT CONTROL P.W.B	SFL-7111A-U2	←	←	<b>←</b>
FRONT LED P.W.B	SFL-8133A-U2	<b>←</b>	<b>←</b>	<b>←</b>
POWER P.W.B	SFL-9028A-U2	<b>←</b>	<b>←</b>	<b>←</b>
REGULATOR P.W.B	SFL-9128A-U2	<b>←</b>	<b>←</b>	<b>←</b>
DIGITAL SIGNAL P.W.B	SFL0D236A-U2	<b>←</b>	SFL0D235A-U2	<b>←</b>
RECEIVER P.W.B	SFL0F204A-U2	<b>←</b>	<b>←</b>	<b>←</b>
REMOTE CONTROL UNIT	RM-C1811H-1C	<b>←</b>	<b>←</b>	<b>←</b>

## **EXPLODED VIEW PARTS LIST -1**

⚠ Ref.No.	Part No.	Part Name	Description	Local
本 101 本 101 本 102 本 102 本 103 本 103 本 103 本 103 本 103 本 103 本 104 本 104 由 105 106	LC12254-002B-U LC12282-001A-U LC12254-001B-U LC12282-001A-U LC21301-065A-U LC21301-069A-U LC21301-071A-U LC21300-047A-U LC21300-048A-U LC22748-005A-H LC32748-005A-H	JACK COVER R JACK COVER R JACK COVER L JACK COVER L RATING LABEL OPERATION SHEET OPERATION SHEET		LT-26S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU LT-26S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU LT-26S60BU LT-26S60SU LT-32S60BU LT-32S60SU LT-32S60SU LT-32S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU
107 107A 107B	GA10054-001A-U GA30092-001A-U GA30081-001A-U	STAND ASSY STAND COVER CABLE COVER	Inc. 107A/107B	
108 109 110 111 112 113 114	QYSPSPD5014MA LC32760-002A-HK QYSBSF3010ZA QYSBSF30110ZA QYSPSPD3008ZA QYSBSFG4016ZA LC41999-004A-U	SCREW SERVICE COVER TAP SCREW TAP SCREW SCREW TAP SCREW CAUTION LABEL	M5 x 14mm(x4) M3 x 10mm M3 x 10mm(x4) M3 x 8mm M4 x 16mm(x7)	
△ 115 △ 115 △ 116 △ 117 118 △ 119 120	LC12410-001A-U LC12411-001A-U QQR0491-001 QMPK300-170-JC QUQ105-4006AL-E LC21734-004A-U QQR0490-001	REAR COVER REAR COVER FERRITE CORE POWER CORD(EU) FFC WIRE TUNER BASE	1.7m BLACK 40pin 6cm	LT-26S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU
↑ 120 ♠ 121 ♠ 121 ↑ 122 ♠ 123 ↑ 124 ↑ 125 ↑ 126 ↑ 127 ↑ 128 ↑ 129 ♠ 130 ↑ 131 ↑ 132	QURU490-001 LC21735-001B-U QYSBSF3010MA LC33216-001A-U QNB0036-001 QUQ105-5004AA-E QUQ105-3004AA-E QUQ105-5009AE-E QUQ105-5009AE-E QUQK12-2106CH-E LC21348-002A-HK QYSPSP3008MA QYSPSPD3008MA	NOISE FILTER TERMINAL BASE TERMINAL BASE TAP SCREW CONTROL ASSY HEX SCREW FFC WIRE SCREW SCREW SCREW	M3 x 10mm(x3)  (x2) 50pin 4cm 30pin 4cm 50pin 9cm 50pin 9cm 21pin 6cm  M3 x 8mm M3 x 8mm M3 x 8mm(x3)	LT-26S60BU,LT-32S60BU LT-26S60SU,LT-32S60SU
<ul><li>⚠ 200</li><li>⚠ 201</li><li>⚠ 202</li><li>⚠ 203</li><li>⚠ 204</li><li>⚠ 204</li><li>⚠ 205</li><li>⚠ 206</li></ul>	SFL-9128A-U2 SFL-9028A-U2 SFL0F204A-U2 SFL-4112A-U2 SFL0D236A-U2 SFL0D235A-U2 SFL-1112A-U2 SFL-7111A-U2	REGULATOR PWB POWER PWB RECEIVER PWB CONNECTOR PWB DIGITAL SIGNAL PWB ANALOG SIGNAL PWB FRONT CONTROL PWB		LT-26S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU

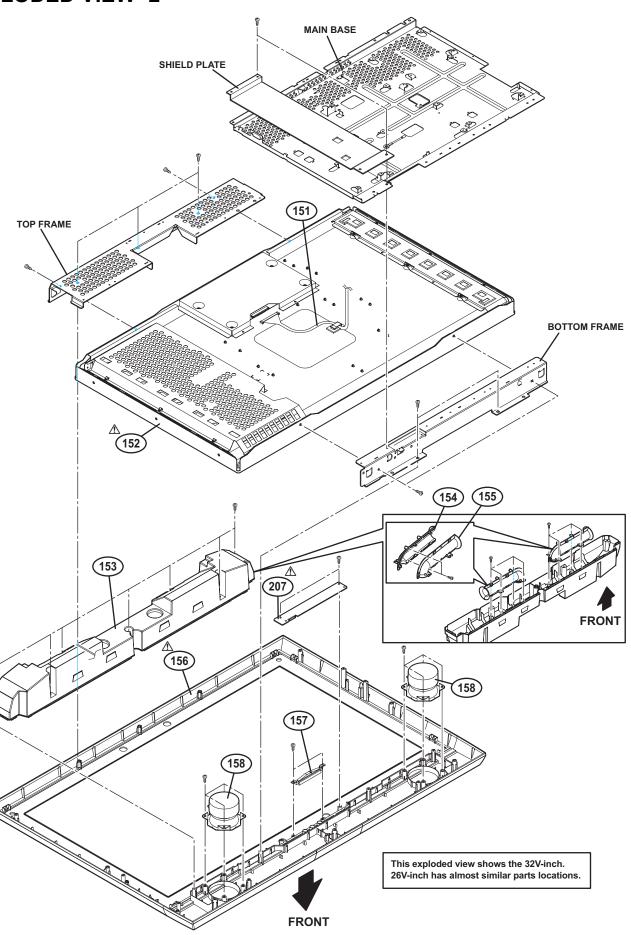
## **EXPLODED VIEW -1** (102) 101 (111) (111) (107) 108 (106) (113) (112) (113 111 113 105 110 (109 (119 113 103 (104) SHIELD COVER 113 △ (200 FAN BRACKET SIDE SHIELD CASE 118 RECEIVER PWB BRACKET 130 TOP SHIELD CASE 125 120 129 121 This exploded view shows the 32V-inch. 26V-inch has almost similar parts locations.

**FRONT** 

## **EXPLODED VIEW PARTS LIST -2**

⚠	Ref.No.	Part No.	Part Name	Description	Local
<u>^</u>	151 152 152 153	WJW0024-001A-E QLD0370-001-JUK QLD0371-001-JUK LC12412-001A-U	DIGITAL(LVDS)CABLE LCD PANEL UNIT LCD PANEL UNIT SPEAKER BOX		LT-26S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU
<u>↑</u>	154 155 156 156 156 156 157 158	LC21340-002B-U LC21339-002B-U LC12398-003A-U LC12398-004A-U LC12278-003A-U LC12278-004A-U LC33125-001B-HK QAS0142-001	DUCT COVER DUCT BASE FRONT PANEL ASSY FRONT PANEL ASSY FRONT PANEL ASSY FRONT PANEL ASSY LED LENS SPEAKER	(x2) (x2) SP01/SP02(x2)	LT-26S60BU LT-26S60SU LT-32S60BU LT-32S60SU
Δ	207	SFL-8133A-U2	FRONT LED PWB	· <i>,</i>	

## **EXPLODED VIEW -2**



## PRINTED WIRING BOARD PARTS LIST [LT-26S60BU, LT-26S60SU]

			Y (SFL-1112A-U2)	⚠Ref No.	Part No.	Part Name	Description Loca
⚠Ref No.    C201     C202     C301     C501     C502     C502     C503     C711     C801     C802     C6001     C6201     C6551     C6552     C6621	Part No.  TB1305FG SN74CBT3253PW-X AN15852A CXA2069Q MM1510XN-X MM1508XN-X CXA1875AM-X TB1274BFG TC90A69AF-X TA48M033F-X NJM2777M-X PQ20WZ11-X NJW1164M-W RC4558D-X RC4558D-X LM393DR-X	Part Name  IC	Description Local 3.3V Regulator	D902 D903 D904 D905 D2001 D2002 D2003 D2004 D2105 D2101 D2102 D2103 D2104 D2105 D2106 D2107 D2201	1SS355-X PTZ11B-X PTZ6.8B-X MA8030/I/-X UDZS10B-X	SI DIODE Z DIODE	
Q301 Q302 Q303 Q307 Q402 Q403 Q404 Q405 Q507 Q508 Q510 Q801 Q805 Q806 Q807 Q808 Q809 Q810 Q851 Q853 Q854 Q855 Q858 Q859 Q859 Q859 Q859 Q859 Q859	TDA8925ST/N1  2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SC383K17FU-X 2SC392K/QR/-X 2SC3928A/QR/-X	IC  TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR MOS FET MOS FET MOS FET TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR		D2203 D2204 D2205 D2206 D2207 D2301 D2302 D2303 D2304 D2305 D2601 D2602 D2603 D2604 D2605 D6001 D6002 D6201 D6432 D6433 D6504 D6601 D6502 D6503 D6504 D6601 D6601 D6663 D6664 D6671 D6672 D6673 D6674 D6681 D6681 D6682 D6683	UDZS10B-X UDZS10B-X	Z DIODE S DIODE Z DIODE S DIODE	
Q2053 Q2151 Q2152 Q2153 Q2171 Q2172 Q2173 Q2451 Q2452 Q2453 Q6302 Q6421 Q6431 Q6522 Q6523 Q6531 Q6532 Q6533 Q6534 Q6538 Q6534 Q6538 Q6536 Q6661 Q6662 Q6663 Q6673 D201 D541 D551 D901	UN2110-X UN2226-X UN2226-X UN2110-X 2SC3928A/QR/-X 2SC3928A/QR/-X UN2212-X UN2216-X UN2110-X 2SC3928A/QR/-X UN2112-X	DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR TRANSISTOR TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR TRANSISTOR DIGI TRANSISTOR SI DIODE Z DIODE Z DIODE Z DIODE Z DIODE	0Ω 1/10W J	C201 C202 C203 C204 C205 C206 C207 C208 C210 C211 C212 C213 C215 C216 C217 C218 C219 C220 C221 C223 C224 C225 C303 C303 C305 C306 C307 C308 C309	NCB31CK-105X NCB31	C CAPACITOR G RESISTOR MG RESISTOR MG RESISTOR C CAPACITOR	1uF 16V K 1uF 16V K 1uF 16V K 0.1uF 16V K 0.1uF 16V K 1uF 16V K 1uF 16V K 1uF 16V K 12pF 50V J 4.7uF 16V K 4.7uF 16V K 0.01uF 16V K 0.01uF 16V K 1uF 16V C

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Loca
C310	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C860 C861	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C313	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C862	NDC31HJ-681X	C CAPACITOR	680pF 50V J
C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C315	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C316	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C317	NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K	C865	NDC31HJ-560X	C CAPACITOR C CAPACITOR	56pF 50V J
C318	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C869	NDC31HJ-560X	C CAPACITOR C CAPACITOR	56pF 50V J
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C323	NEX61CM-686X	E CAPACITOR	68uF 16V M	C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C324	NCB21CK-105X	C CAPACITOR	1uF 16V K	C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C325	NCB21CK-105X	C CAPACITOR	1uF 16V K	C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C326	NCB21CK-105X	C CAPACITOR	1uF 16V K	C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C327	NCB21CK-105X	C CAPACITOR	1uF 16V K	C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C328	NCB21CK-105X	C CAPACITOR	1uF 16V K	C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C329	NCB21CK-105X	C CAPACITOR	1uF 16V K	C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C330	NCB21CK-105X	C CAPACITOR	1uF 16V K	C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C341	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C342	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C343	NCB21CK-105X	C CAPACITOR	1uF 16V K	C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C346	NCB21CK-105X	C CAPACITOR	1uF 16V K	C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C349	NCB11AK-106X	C CAPACITOR	10uF 10V K	C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C886	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C405	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	C889	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C406	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	C890	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C501	NEHL1CM-476X	E CAPACITOR E CAPACITOR	47uF 16V M 47uF 16V M	C891 C892	NEHL1CM-476X NDC31HJ-180X	E CAPACITOR	47uF 16V M
C502 C503	NEHL1CM-476X NENA1EM-106X	BP E CAPACITOR	10uF 25V M	C892 C894	NDC31HJ-180X NDC31HJ-180X	C CAPACITOR C CAPACITOR	18pF 50V J 18pF 50V J
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C901	NEHM1HM-105X	E CAPACITOR	1uF 50V M
C509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C515	NCB21CK-105X	C CAPACITOR	1uF 16V K	C903	NCB31CK-154X	C CAPACITOR	0.15uF 16V K
C516	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C905	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C518	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C906	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C519	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C912	NEHM1EM-336X	E CAPACITOR	33uF 25V M
C520	NCB21CK-105X	C CAPACITOR	1uF 16V K	C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C915	NEHM1EM-336X	E CAPACITOR	33uF 25V M
C523	NCB21CK-105X	C CAPACITOR	1uF 16V K	C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M
C711	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C2001	NCB11AK-106X	C CAPACITOR	10uF 10V K
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2008	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2009	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C804	NEHL1CM-476X	E CAPACITOR E CAPACITOR	47uF 16V M	C2010	NCB31HK-472X	C CAPACITOR C CAPACITOR	4700pF 50V K 4700pF 50V K
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2011	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2053	NCB31CK-105X	C CAPACITOR	1uF 16V K
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C2101	NCB11AK-106X	C CAPACITOR	10uF 10V K
C810	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C811	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2106	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C812	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2107	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C2108	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2109	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C815	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2110	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C816	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2151	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C817	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2152	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	C2153	NCB31CK-105X	C CAPACITOR	1uF 16V K
C819	NDC31HJ-100X	C CAPACITOR	10pF 50V J	C2201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	C2202	NCB11AK-106X	C CAPACITOR	10uF 10V K
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2203	NCB11AK-106X	C CAPACITOR	10uF 10V K
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C2204	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	C2205	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2206	NCB31CK-105X	C CAPACITOR	1uF 16V K
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C2207	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	C2208	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C827	NEHLOJM-107X	E CAPACITOR	100uF 6.3V M	C2301	NCB11AK-106X	C CAPACITOR	10uF 10V K
C829	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2302	NCB31CK-105X	C CAPACITOR	1uF 16V K
C830	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2303	NCB31CK-105X	C CAPACITOR	1uF 16V K
C831	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C832	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2307	NCB31CK-105X	C CAPACITOR	1uF 16V K
C833	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C834	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2309	NCB31CK-105X	C CAPACITOR	1uF 16V K
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2310	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C2311	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C2401	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C2402	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C853	NEHL1CM-476X	E CAPACITOR	47úF 16V M	C2451	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2452	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2453	NCB31CK-105X	C CAPACITOR	1uF 16V K
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2601	NCB31CK-105X	C CAPACITOR	1uF 16V K
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2602	NCB31CK-105X	C CAPACITOR	1uF 16V K
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2603	NCB31CK-105X	C CAPACITOR	1uF 16V K
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	C6001	NCF31AZ-105X	C CAPACITOR	1uF 10V Z

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
C6002	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C6003	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C6004	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6005	NEHL1HM-105X	E CAPACITOR	1uF 50V M	C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C6006	NEHL1HM-105X	E CAPACITOR	1uF 50V M	C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6007 C6008	QETN1AM-108Z	E CAPACITOR E CAPACITOR	1000uF 10V M 10uF 50V M	C6676 C6677	NDC31HJ-561X	C CAPACITOR C CAPACITOR	560pF 50V J 560pF 50V J
C6009	NEHL1HM-106X NCF31AZ-105X	C CAPACITOR	1uF 10V Z	C6678	NDC31HJ-561X QFV21HJ-224Z	MF CAPACITOR	0.22uF 50V J
C6010	NDC31HJ-331X	C CAPACITOR	330pF 50V J	C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C6011	NDC31HJ-331X	C CAPACITOR	330pF 50V J	C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C6201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6681	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C6202	NEHL1EM-336X	E CAPACITOR	33uF 25V M	C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6203	NEHL1EM-336X	E CAPACITOR	33uF 25V M	C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6204	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	C6684 C6685	NCB31HK-104X QETN1EM-477Z	C CAPACITOR	0.1uF 50V K
C6205 C6301	NCB31HK-103X NENA1CM-475X	C CAPACITOR BP E CAPACITOR	0.01uF 50V K 4.7uF 16V M	C6687	QETN1EM-477Z	E CAPACITOR E CAPACITOR	470uF 25V M 470uF 25V M
C6302	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M	C6688	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6693	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C6431	NEHL1CM-476X	E CAPACITOR	47uF 16V M				
C6505	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R201	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C6510	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	R203	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	R204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6521	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R206	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R208	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R209	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K	R210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6526	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6527	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6528	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K	R217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6533	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6534	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6535	NEHL1HM-105X	E CAPACITOR	1uF 50V M	R220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6536	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R232	NRS12BJ-151W	MG RESISTOR	150Ω 1/2W J
C6537	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6538	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6539 C6540	NCB31CK-104X	C CAPACITOR	0.1uF 16V K 4.7uF 25V M	R334 R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J
C6541	NEHL1EM-475X NEHL1EM-475X	E CAPACITOR E CAPACITOR	4.7uF 25V M	R336	NRSA63J-222X NRSA63J-562X	MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J
C6542	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	R372	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6543	NEHL1CM-476X	E CAPACITOR	47uF 16V M	R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C6544	NEHL1HM-105X	E CAPACITOR	1uF 50V M	R375	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R382	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C6551	NEHL1HM-105X	E CAPACITOR	1uF 50V M	R385	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C6552	NEHL1HM-105X	E CAPACITOR	1uF 50V M	R392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6553	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C6554	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	R395	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C6555	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	R402	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6556	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	R403	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6557	NEHL1CM-476X	E CAPACITOR	47uF 16V M	R404	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6559	NEHL1CM-476X	E CAPACITOR	47uF 16V M	R405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6561	NEHL1HM-105X	E CAPACITOR	1uF 50V M	R409	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6562	NEHL1HM-225X	E CAPACITOR	2.2uF 50V M	R410	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C6563	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6564	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K	R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K	R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6585	NEHL1CM-106X	E CAPACITOR	10uF 16V M	R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6586	NEHL1CM-106X	E CAPACITOR	10uF 16V M	R508	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R509	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R510	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6605	NEHL1CM-476X	E CAPACITOR	47uF 16V M	R511	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6606	NEHL1CM-476X	E CAPACITOR	47uF 16V M	R512	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6622	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6623	NEHL1EM-226X	E CAPACITOR	22uF 25V M	R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6625	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6627	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6628	NEHL1EM-226X	E CAPACITOR	22uF 25V M	R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6630	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K	R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K	R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R538	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R540	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R542	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6669	QFV21HJ-224Z	MF CAPACITOR	0.22uF 50V J	R543	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	R544	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J

PASS   MERCAS   222 M   SESSION   10,0 11997   10,0 119	⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Loca
RESISTOR   MINERAL 1922   MINERAL					R887			
RESERVAL FIRST NO.   RESERVATION NO.   RESERVAL FIRST NO.   RESERVAL F			MG RESISTOR	15kΩ 1/16W J				
REST   RESPONDED   RESTOR			MG RESISTOR			NRSA63J-682X		
RESISTOR	R572	NRSA63J-101X	MG RESISTOR	0Ω 1/16W J	R902	NRSA63J-182X	MG RESISTOR	
BERT   NESASJ-102X	R573		MG RESISTOR	0Ω 1/16W J	R903	NRSA63J-152X		1.5kΩ 1/16W J
RESPON   RESPONDED   RESPOND		NRSA63J-222X	MG RESISTOR		R907	NRS12BJ-0R0W		
RESIDENT   RESISTOR   COLUMN   RESISTOR   COLUMN   RESISTOR   TEST   THOW J   RESISTOR   TEST								
R716 NRSA63-101X MG RESISTOR 00.1199/J R2003 NRSA63-179X MG RESISTOR 750 1199/J R716 NRSA63-101X MG RESISTOR 00.1199/J R2006 N	R590	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R716 NRSAS-1-01X MG RESISTOR 00.1199/J R2004 NRSAS-1-70X MG RESISTOR 750.1199/J R717 NRSAS-1-01X MG RESISTOR 100.1199/J R2005 NRSAS-1-70X MG RESISTOR 200.1199/J R2005 NRSAS-1-01X MG RESISTOR 100.1199/J R2005 NRSAS-1-01X MG RESISTOR 200.1199/J R2005 NRSAS-1-01X MG RESISTOR 100.1199/J R2005 NRSAS-1-01X MG RESISTOR 200.1199/J R2005 NRSAS-1-01X MG RESISTOR 100.1199/J R2005 NRSAS-1-01X MG RESISTOR 200.1199/J R2005 NRSAS-1-01X MG RESISTOR 100.1199/J								
R716   MRS483-101X   MO RESISTOR   1000-1169/J   R2006   MRS483-860X   MG RESISTOR   3000-1169/J   R717   MRS483-103X   MG RESISTOR   1000-1169/J   R2005   MRS483-101X   MG RESISTOR   3000-1169/J   R719   MRS483-103X   MG RESISTOR   1000-1169/J   R2005   MRS483-101X   MG RESISTOR   2200-1169/J   R720   MRS483-101X   MG RESISTOR   2000-1169/J   R2005   MRS483-101X   MG RESISTOR   2200-1169/J   R720   MRS483-101X   MG RESISTOR   2200-1169/J   R2005   MRS483-101X   MG RESISTOR   2300-1169/J   R2005   MRS483-101X   MG RESISTOR   750-1169/J   R2005   MRS483-101X   MG RESISTOR   R2005   MRS483-101X   MG RESISTOR   R2005   MRS483-101X   MG RESISTOR   R200	R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R2004	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
RECORD   RESISTOR   1001   11694   R2055   RESISTOR   2001   11694   R20			MG RESISTOR		R2005	NRSA63J-750X	MG RESISTOR	
R719 NRSA63_107X MG RESISTOR 1002 1169V J R2053 NRSA63_471X MG RESISTOR 2201 1169V J R720 NRSA63_107X MG RESISTOR 2201 1169V J R2054 NRSA63_107X MG RESISTOR 2201 1169V J R2054 NRSA63_107X MG RESISTOR 2201 1169V J R2054 NRSA63_107X MG RESISTOR 1002 1169V J R2056 NRSA63_471X MG RESISTOR 2201 1169V J R2056 NRSA63_107X MG RESISTOR 3 3401 1169V J R2056 NRSA63_107X MG RESISTOR 2 2201 1169V J R2056 NRSA63_107X MG RESISTOR 2 201 1169V J R2056 NRSA63_107X MG RESISTOR 7 251 1169V J R2056 NRSA63_107X MG RESIS	R717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R2051	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2026								
R722 MRSAG3-102X MG RESISTOR 10.1 169/J R2056 MRSAG3-1471X MG RESISTOR 3.04.1 1199/J R205 MRSAG3-1471X MG RESISTOR 3.04.1 1199/J R205 MRSAG3-122X MG RESISTOR 3.04.1 1199/J R205 MRSAG3-122X MG RESISTOR 2.04.1 1199/J R2101 MRSAG3-1700X MG RESISTOR 750.1 1199/J R202 MRSAG3-122X MG RESISTOR 2.04.1 1199/J R2103 MRSAG3-1700X MG RESISTOR 750.1 1199/J R204 MRSAG3-1700X MG RESISTOR 750.1 1199/J R204 MRSAG3-1700X MG RESISTOR 750.1 1199/J R205 MRSAG3-170X MG RESISTOR 750.1 1199/J R	R720	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
REF			MG RESISTOR MG RESISTOR		R2055 R2056	NRSA63J-391X NRSA63J-471X		
R802   MRSAGL3-122X   MG RESISTOR   2-04 1169/J   R2101   MRSAGL3-700X   MG RESISTOR   754 1169/J   R803   MRSAGL3-323X   MG RESISTOR   3-341 1169/J   R2104   MRSAGL3-700X   MG RESISTOR   754 1169/J   R2105   MRSAGL3-700X   MG RESISTOR   754 1169/J   R2104   MRSAGL3-700X   MG RESISTOR   754 1169/J   R2105   MRSAGL3-70X   MG RESISTOR   2-264 1169/J   R2205   MRSAGL3-70X   M	R724	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R2057	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R800   NRSA633-32X   MG RESISTOR   3.8.0.1169V   R2103   MRSA633-750X   MG RESISTOR   750.1169V   R804   R804633-22X   MG RESISTOR   2.2.0.1169V   R2104   MRSA633-750X   MG RESISTOR   750.1169V   R2105   MRSA633-750X   MG RESISTOR   750.1169V   R2106   MRSA633-750X   MG RESISTOR   750.1169V   R2106   MRSA633-750X   MG RESISTOR   0.00.1169V   R2105   MRSA633-750X   MG RESISTOR   0.00.1169V   R21			MG RESISTOR MG RESISTOR		R2058 R2101	NRSA63J-393X NRSA63J-750X		
ROBE   NRSA63.1-22X   MG RESISTOR   2.2kl 1169V J   R210	R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R2102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R000   R85A83-152X   MG RESISTOR   3.8.0.1169V   R2105   MRSA63-150X   MG RESISTOR   7.5.0.1169V   R016								
R809 NRSA63J-101X MG RESISTOR 1000_116W J R2151 NRSA63J-122X MG RESISTOR 2.261_116W J R810 NRSA63J-102X MG RESISTOR 1000_116W J R2151 NRSA63J-122X MG RESISTOR 880_116W J R2151 NRSA63J-122X MG RESISTOR 880_116W J R2151 NRSA63J-122X MG RESISTOR 2242_116W J R2151 NRSA63J-122X MG RESISTOR 1042_116W J R2151 NRSA63J-102X MG RESIST	R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R2105	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R000   NRSA63J-101X   MG RESISTOR   1.00Ω 1/16W J   R2152   NRSA63J-162X   MG RESISTOR   88B 1/16W J   R2151   NRSA63J-152X   MG RESISTOR   1.50Ω 1/16W J   R2151   NRSA63J-152X   MG RESISTOR   30Ω 1/16W J   R2151   NRSA63J-152X   MG RESISTOR   30Ω 1/16W J   R2151   NRSA63J-152X   MG RESISTOR   30Ω 1/16W J   R2151   NRSA63J-152X   MG RESISTOR   470Ω 1/16W J   R2173   NRSA63J-152X   MG RESISTOR   470Ω 1/16W J   R2173   NRSA63J-152X   MG RESISTOR   470Ω 1/16W J   R2202   NRSA63J-15			MG RESISTOR MG RESISTOR			NRSA63J-URUX NRSA63J-222X		
R811 NRSA63_152X MG RESISTOR 1.560_116W J R2154 NRSA63_391X MG RESISTOR 390_116W J R815 NRSA63_152X MG RESISTOR 1.560_116W J R2155 NRSA63_152X MG RESISTOR 220_116W J R2156 NRSA63_152X MG RESISTOR 220_116W J R2157 NRSA63_152X MG RESISTOR 220_116W J R2158 NRSA63_15X MG RESISTOR 470_116W J R2159 NRSA63_15X MG RESISTOR 470_116W J R2159 NRSA63_15X MG RESISTOR 160_116W J R2159 NRSA63_15X MG RESISTOR 360_116W J R2150 NRSA63_15X MG RESISTOR 00_116W J R2150 NRSA63_15X MG RESISTOR 00_116W J R2150 NRSA63_15X MG RESISTOR 160_116W J R2250 NRSA63_15X MG RESISTOR 160_116	R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2152	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R812 NRSA63_1-152X MG RESISTOR 1.564.116W J R2155 NRSA63_1-27X MG RESISTOR 2224.116W J R2147 NRSA63_1-152X MG RESISTOR 1.564.116W J R2157 NRSA63_1-32X MG RESISTOR 2224.116W J R2157 NRSA63_1-152X MG RESISTOR 1.564.116W J R2159 NRSA63_1-152X MG RESISTOR 1.564.116W J R2169 NRSA63_1-152X MG RESISTOR 1.564.116W J R2169 NRSA63_1-152X MG RESISTOR 3.644.116W J R2169 NRSA63_1-162X MG RESISTOR 3.644.116W J R2169 NRSA63_1-162X MG RESISTOR 3.644.116W J R2169 NRSA63_1-162X MG RESISTOR 0.116W J R2161 NRSA63_1-162X MG RESISTOR 0.116W J R2161 NRSA63_1-162X MG RESISTOR 0.116W J R2161 NRSA63_1-162X MG RESISTOR 0.116W J R2171 NRSA63_1-162X MG RESISTOR 0.116W J R2172 NRSA63_1-162X MG RESISTOR 0.116W J R2172 NRSA63_1-162X MG RESISTOR 1.644.116W J R2164.116W J R						NRSA63J-223X NRSA63J-391X		
R814 NRSA63_1-152X MG RESISTOR 1.56L 1/16W J R2158 NRSA63_1-91X MG RESISTOR 390L 1/16W J R2158 NRSA63_1-91X MG RESISTOR 470L 1/16W J R2159 NRSA63_1-102X MG RESISTOR 16L 1/16W J R2159 NRSA63_1-102X MG RESISTOR 396L 1/16W J R2161 NRSA63_1-102X MG RESISTOR 0L 1/16W J R2161 NRSA63_1-102X MG RESISTOR 0L 1/16W J R2161 NRSA63_1-102X MG RESISTOR 0L 1/16W J R2161 NRSA63_1-102X MG RESISTOR 10L 1/16W J R2161 NRSA63_1-102X MG RESISTOR 750 1/16W J R2161 NRSA63_1-102X	R812	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R2155	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R815 NRSAG3J-152X MG RESISTOR 1.5KQ 1/16W J R2159 NRSAG3J-271X MG RESISTOR 4700.116W J R8167 NRSAG3J-70X MG RESISTOR 27KQ 1/16W J R2159 NRSAG3J-370X MG RESISTOR 30KQ 1/16W J R2159 NRSAG3J-30X MG RESISTOR 30KQ 1/16W J R2259 NRSAG3J-30X MG RE	R813 R814	NRSA63J-152X NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J 1.5kΩ 1/16W J	R2156 R2157	NRSA63J-223X NRSA63J-391X	MG RESISTOR	
R817 NRSA63J-100X MG RESISTOR 10k1 1/16W J R2160 NRSA63J-390X MG RESISTOR 39k1 1/16W J R8189 NRSA63J-390X MG RESISTOR 01 1/16W J R8189 NRSA63J-100X MG RESISTOR 10k1 1/16W J R2163 NRSA63J-10X MG RESISTOR 00 1/16W J R819 NRSA63J-16W MG RESISTOR 10k1 1/16W J R2163 NRSA63J-16W MG RESISTOR 10k1 1/16W J R2163 NRSA63J-16W MG RESISTOR 10k1 1/16W J R2172 NRSA63J-16W MG RESISTOR 10k1 1/16W J R2173 NRSA63J-16W MG RESISTOR 10k1 1/16W J R2174 NRSA63J-16W MG RESISTOR 750 1/16W J R2174 NRSA63J-16W MG RESISTOR 10k1 1/16W J R2174 NRSA63J-16W MG RESISTOR 10k	R815	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R2158	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R818 NRSA63J-302X MG RESISTOR 3.3KQ 11/6W J R2161 NRSA63J-0R0X MG RESISTOR 0Q 11/6W J R820 NRSA63J-163X MG RESISTOR 10KQ 11/6W J R2163 NRSA63J-0R0X MG RESISTOR 0Q 11/6W J R820 NRSA63J-163X MG RESISTOR 150KQ 11/6W J R2171 NRSA63J-103X MG RESISTOR 10KQ 11/6W J R2172 NRSA63J-103X MG RESISTOR 10KQ 11/6W J R2172 NRSA63J-103X MG RESISTOR 10KQ 11/6W J R220 NRSA63J-163X MG RESISTOR 10KQ 11/6W J R2201 NRSA63J-163X MG RESISTOR 75Q 11/6W J R2201 NRSA63J-163X MG RESISTOR 15Q 11/6W J R2201 NRSA63J-163X MG RESISTOR 75Q 11/6W J R2201 NRSA63J-163X MG RESISTOR 15Q 11/6W J R2201 NRSA63J-163X MG RESISTOR 20/6W 11/6W J R2201 NRSA63J-163X MG RESISTOR 75Q 11/6W J R2201 NRSA63J-163X MG RESISTOR 20/6W 11/6W J R2201 NRSA63J-163X MG RESISTOR 2		NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R2160	NRSA63J-393X		
R820         NRSA633-161X MG RESISTOR         150kQ 1/16W J R27T1         R821 NRSA633-161X MG RESISTOR         10kQ 1/16W J R27T2 NRSA633-103X MG RESISTOR         10kQ 1/16W J R27T2 NRSA633-103X MG RESISTOR         10kQ 1/16W J R27T2 NRSA633-103X MG RESISTOR         10kQ 1/16W J R27T3 NRSA63-103X MG RESISTOR         10kQ 1/16W J R27T3 NRSA63-16X MG RESISTOR         10kQ 1/16W J R27T3 NRSA63-16X MG RESISTOR         10kQ 1/16W J R27T3 NRSA63-16X MG RESISTOR         10kQ 1/16W J R27T3 NRSA63-176X MG RESISTOR         75Q 1/16W J R27T3 NRSA63-176X MG RESIS		NRSA63J-332X				NRSA63J-0R0X		
R822         NRSA63_1-164X         MG RESISTOR         150kΩ 1/16W J         R221         NRSA63_1-50X         MG RESISTOR         10kΩ 1/16W J         R2201         NRSA63_1-50X         MG RESISTOR         75Ω 1/16W J         R2201         NRSA63_1-50X         MG RESISTOR         75Ω 1/16W J         R264         NRSA63_1-81X         MG RESISTOR         150kΩ 1/16W J         R2201         NRSA63_1-76X         MG RESISTOR         75Ω 1/16W J         R262         NRSA63_1-81X         MG RESISTOR         150kΩ 1/16W J         R2203         NRSA63_1-22X         MG RESISTOR         250kΩ 1/16W J         R2204         NRSA63_1-22X         MG RESISTOR         220kΩ 1/16W J         R2205         NRSA63_1-22X         MG RESISTOR         220kΩ 1/16W J         R2305         NRSA63_1-22X         MG RESISTOR         250kΩ 1/16W J         R2301         NRSA63_1-22X         MG RESISTOR         75Ω 1/16W J         R2301         NRSA63_1-16X         MG RESISTOR         75Ω 1/16W J         R2301         NRSA63_1-16X         MG RESISTOR         75Ω 1/16W J         R2303         NRSA63_1-16X         MG RESISTOR         75Ω 1/16W J         R2404	R820	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	R2171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R823         NRSA63.1-164X         MG RESISTOR         150ku 116W J         R2201         NRSA63.1-161X         MG RESISTOR         750 116W J           R824         NRSA63.1-164X         MG RESISTOR         150ku 116W J         R2202         NRSA63.1-50X         MG RESISTOR         750 116W J           R826         NRSA63.1-164X         MG RESISTOR         150ku 116W J         R2204         NRSA63.1-22X         MG RESISTOR         220ku 116W J           R827         NRSA63.1-164X         MG RESISTOR         180ku 116W J         R2204         NRSA63.1-26X         MG RESISTOR         220ku 116W J           R828         NRSA63.1-164X         MG RESISTOR         150ku 116W J         R2301         NRSA63.1-6X MG RESISTOR         750 116W J           R830         NRSA63.1-164X         MG RESISTOR         150ku 116W J         R2301         NRSA63.1-6X MG RESISTOR         750 116W J           R831         NRSA63.1-164X         MG RESISTOR         150ku 116W J         R2304         NRSA63.1-6X MG RESISTOR         750ku 116W J         R2304         NRSA63.1-6X MG RESISTOR         220ku 116W J         R2304         NRSA63.1-6X MG RESISTOR         220ku 116W J         R2305         NRSA63.1-6X MG RESISTOR         220ku 116W J         R2305         NRSA63.1-6X MG RESISTOR         220ku 116W J         R2305         NR								
R825         NRSA63J-156X         MG RESISTOR         150κΩ 116W J         R2204         NRSA63J-24X         MG RESISTOR         270 116W J           R826         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2204         NRSA63J-24X         MG RESISTOR         220κΩ 116W J           R827         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2205         NRSA63J-15X         MG RESISTOR         75Ω 116W J           R828         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2301         NRSA63J-75X         MG RESISTOR         75Ω 116W J           R830         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2303         NRSA63J-75X         MG RESISTOR         75Ω 116W J           R831         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2304         NRSA63J-24X         MG RESISTOR         220κΩ 116W J           R832         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2401         NRSA63J-16X         MG RESISTOR         0 116W J           R834         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2402         NRSA63J-91X         MG RESISTOR         0 116W J           R835         NRSA63J-16X         MG RESISTOR         150κΩ 116W J         R2402 </td <td>R823</td> <td>NRSA63J-154X</td> <td>MG RESISTOR</td> <td>150kΩ 1/16W J</td> <td>R2201</td> <td>NRSA63J-750X</td> <td>MG RESISTOR</td> <td>75Ω 1/16W J</td>	R823	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	R2201	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R826 NRSA63J-164X MG RESISTOR 150ku 11/6W J R2205 NRSA63J-124X MG RESISTOR 220ku 11/6W J R827 NRSA63J-161X MG RESISTOR 180u 11/6W J R2301 NRSA63J-150X MG RESISTOR 750 L1/16W J R828 NRSA63J-164X MG RESISTOR 150ku 11/6W J R2301 NRSA63J-150X MG RESISTOR 750 L1/16W J R830 NRSA63J-164X MG RESISTOR 150ku 11/6W J R2301 NRSA63J-150X MG RESISTOR 750 L1/16W J R830 NRSA63J-164X MG RESISTOR 150ku 11/6W J R2302 NRSA63J-150X MG RESISTOR 750 L1/16W J R830 NRSA63J-164X MG RESISTOR 150ku 11/6W J R2303 NRSA63J-165X MG RESISTOR 750 L1/16W J R831 NRSA63J-164X MG RESISTOR 150ku 11/6W J R2304 NRSA63J-165X MG RESISTOR 200ku 11/6W J R831 NRSA63J-164X MG RESISTOR 150ku 11/6W J R2304 NRSA63J-164X MG RESISTOR 200ku 11/6W J R2304 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2304 NRSA63J-164X MG RESISTOR 200ku 11/6W J R2304 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2304 NRSA63J-164X MG RESISTOR 00 11/6W J R2304 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 00 11/6W J R2401 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 200ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 200ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 200ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 160ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 200ku 11/6W J R2401 NRSA63J-164X MG RESISTOR 300L 11/6W J R24					R2202 R2203	NRSA63J-750X NRSA63J-750X		
R828         NRSA63.1-164X         MG RESISTOR         150ku 1/16W J         R2301         NRSA63.1-750X         MG RESISTOR         750 1/16W J           R830         NRSA63.1-81X         MG RESISTOR         1800 1/16W J         R2303         NRSA63.1-750X         MG RESISTOR         750 1/16W J           R831         NRSA63.1-24X         MG RESISTOR         150ku 1/16W J         R2303         NRSA63.1-24X         MG RESISTOR         750 1/16W J           R832         NRSA63.1-64X         MG RESISTOR         150ku 1/16W J         R2305         NRSA63.1-24X         MG RESISTOR         220ku 1/16W J           R833         NRSA63.1-64X         MG RESISTOR         150ku 1/16W J         R2402         NRSA63.1-24X         MG RESISTOR         20ku 1/16W J           R834         NRSA63.1-64X         MG RESISTOR         150ku 1/16W J         R2402         NRSA63.00X         MG RESISTOR         0u 1/16W J           R835         NRSA63.1-81X         MG RESISTOR         150ku 1/16W J         R2451         NRSA63.22X         MG RESISTOR         22ku 1/16W J           R836         NRSA63.1-81X         MG RESISTOR         150ku 1/16W J         R2451         NRSA63.40X         MG RESISTOR         22ku 1/16W J           R836         NRSA63.1-80X         MG RESISTOR         100ku	R826	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	R2204	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R829         NRSA63-1-161X         MG RESISTOR         150kg 1/16W J         R2302         NRSA63-750X         MG RESISTOR         750 1/16W J           R831         NRSA63-1-161X         MG RESISTOR         150kg 1/16W J         R2304         NRSA63-1-26X         MG RESISTOR         750 1/16W J           R831         NRSA63-1-61X         MG RESISTOR         150kg 1/16W J         R2304         NRSA63-1-24X         MG RESISTOR         220kg 1/16W J           R833         NRSA63-1-16X         MG RESISTOR         150kg 1/16W J         R2401         NRSA63-1-0RX         MG RESISTOR         00 1/16W J           R834         NRSA63-1-6X         MG RESISTOR         150kg 1/16W J         R2401         NRSA63-1-0RX         MG RESISTOR         00 1/16W J           R835         NRSA63-1-5X         MG RESISTOR         150kg 1/16W J         R2451         NRSA63-1-2X         MG RESISTOR         20kg 1/16W J           R837         NRSA63-1-5X         MG RESISTOR         150kg 1/16W J         R2451         NRSA63-1-10X         MG RESISTOR         20kg 1/16W J           R839         NRSA63-1-0X         MG RESISTOR         150kg 1/16W J         R2453         NRSA63-24X M         MG RESISTOR         300c 1/16W J           R839         NRSA63-1-2X         MG RESISTOR         150kg 1/					R2205 R2301	NRSA63J-224X NRSA63J-750X		
R831         NRSA63J-154X         MG RESISTOR         150k0 1/16W J         R2304         NRSA63J-224X         MG RESISTOR         220k0 1/16W J           R832         NRSA63J-16X         MG RESISTOR         150k0 1/16W J         R2401         NRSA63J-22X         MG RESISTOR         20k0 1/16W J           R833         NRSA63J-16X         MG RESISTOR         150k0 1/16W J         R2401         NRSA63J-0R0X         MG RESISTOR         00 1/16W J           R835         NRSA63J-164X         MG RESISTOR         150k0 1/16W J         R2451         NRSA63J-22X         MG RESISTOR         22k1 1/16W J           R837         NRSA63J-164X         MG RESISTOR         150k0 1/16W J         R2452         NRSA63J-371X         MG RESISTOR         3900 1/16W J           R837         NRSA63J-164X         MG RESISTOR         150k0 1/16W J         R2452         NRSA63J-23X         MG RESISTOR         29k0 1/16W J           R839         NRSA63J-16X         MG RESISTOR         00 1/16W J         R2454         NRSA63J-23X         MG RESISTOR         22k0 1/16W J           R840         NRSA63J-91X         MG RESISTOR         20k1 1/16W J         R2456         NRSA63J-32X         MG RESISTOR         3900 1/16W J           R851         NRSA63J-391X         MG RESISTOR         3900 1/16W J	R829	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	R2302	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R832   NRSA63J-154X   MG RESISTOR   150kΩ 1/16W J   R2401   NRSA63J-244X   MG RESISTOR   220kΩ 1/16W J   R843   NRSA63I-181X   MG RESISTOR   150kΩ 1/16W J   R2402   NRSA63J-0R0X   MG RESISTOR   0Ω 1/16W J   R843   NRSA63I-154X   MG RESISTOR   150kΩ 1/16W J   R2461   NRSA63J-0R0X   MG RESISTOR   0Ω 1/16W J   R845   NRSA63J-181X   MG RESISTOR   150kΩ 1/16W J   R2451   NRSA63J-391X   MG RESISTOR   22kΩ 1/16W J   R8463   NRSA63J-16X   MG RESISTOR   150kΩ 1/16W J   R2452   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R845   NRSA63J-16X   MG RESISTOR   0Ω 1/16W J   R2453   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R845   NRSA63J-101X   MG RESISTOR   0Ω 1/16W J   R2454   NRSA63J-391X   MG RESISTOR   22kΩ 1/16W J   R2455   NRSA63J-391X   MG RESISTOR   22kΩ 1/16W J   R2456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-393X   MG RESISTOR   390Ω 1/16W J   R2461   NRSA63J-3750X   MG RESISTOR   750Ω 1/16W J   R2461   NRSA63J-150X   MG RESISTOR   750Ω 1/16W J   R2461   NRSA63J-10X   MG RESISTOR   300Ω 1/16W J   R2461   NRSA63J-31X   MG RESISTOR   300Ω 1/16W J   R2461   NRSA63J-10X   MG R								
R834   NRSA63J-154X   MG RESISTOR   150kΩ 1/16W J   R2461   NRSA63J-23X   MG RESISTOR   22kΩ 1/16W J   R836   NRSA63J-181X   MG RESISTOR   150kΩ 1/16W J   R2451   NRSA63J-23X   MG RESISTOR   390Ω 1/16W J   R837   NRSA63J-181X   MG RESISTOR   150kΩ 1/16W J   R2452   NRSA63J-23X   MG RESISTOR   390Ω 1/16W J   R837   NRSA63J-0R0X   MG RESISTOR   0 0 1/16W J   R2452   NRSA63J-23X   MG RESISTOR   470Ω 1/16W J   R838   NRSA63J-0R0X   MG RESISTOR   0 0 1/16W J   R2454   NRSA63J-223X   MG RESISTOR   22kΩ 1/16W J   R2454   NRSA63J-223X   MG RESISTOR   22kΩ 1/16W J   R2455   NRSA63J-223X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-223X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-23X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-391X   MG RESISTOR   75Ω 1/16W J   R2457   NRSA63J-802X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-391X   MG RESISTOR   75Ω 1/16W J   R2457   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-391X   MG RESISTOR   75Ω 1/16W J   R2457   NRSA63J-391X   MG RESISTOR   75Ω 1/16W J   R2457   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2450   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R4450   NRSA63J-391X   MG RE	R832	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	R2305	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R836   NRSA63J-161X   MG RESISTOR   180Ω 1/16W J   R2452   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R838   NRSA63J-162X   MG RESISTOR   150Ω 1/16W J   R2453   NRSA63J-223X   MG RESISTOR   22kΩ 1/16W J   R838   NRSA63J-222X   MG RESISTOR   22kΩ 1/16W J   R2455   NRSA63J-223X   MG RESISTOR   390Ω 1/16W J   R840   NRSA63J-101X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R8456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R8451   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-332X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-332X   MG RESISTOR   390Ω 1/16W J   R2458   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2458   NRSA63J-750X   MG RESISTOR   390Ω 1/16W J   R2501   NRSA63J-750X   MG RESISTOR   750Ω 1/16W J   R2501   NRSA63J-802X   MG RESISTOR   750Ω 1/16W J   R2501   NRSA63J-750X   MG RESISTOR   750Ω 1/16W J   R2501   NRSA63J-802X   MG RESISTOR   750Ω 1/16W J   R2501   NRSA63J-802X   MG RESISTOR   300Ω 1/16W J   R2502   NRSA63J-802X   MG RESISTOR   300Ω 1/16W J   R2503   NRSA63J-101X   MG RESISTOR   300Ω 1/16W J   R2503   NRSA63J-802X   MG RESISTOR   300Ω 1/16W J   R2503   NRSA63J-101X   MG RESISTOR   300Ω 1/16W J   R2503   NRSA63J-101X   MG RESISTOR   300Ω 1/16W J   R2503   NRSA63J-202X   MG RESISTOR   300Ω 1/16W J   R2503   NRSA63J-200X   MG RESISTOR   300Ω 1/16W J   R2503   NRSA63J-200		NRSA63J-154X	MG RESISTOR			NRSA63J-0R0X		
R837   NRSA63J-164X   MG RESISTOR   150kΩ 1/16W J   R2453   NRSA63J-2471X   MG RESISTOR   240Ω 1/16W J   R848   NRSA63J-221X   MG RESISTOR   22kΩ 1/16W J   R2454   NRSA63J-231X   MG RESISTOR   22kΩ 1/16W J   R2455   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-323X   MG RESISTOR   33kΩ 1/16W J   R2457   NRSA63J-393X   MG RESISTOR   39kΩ 1/16W J   R2457   NRSA63J-393X   MG RESISTOR   39kΩ 1/16W J   R2457   NRSA63J-393X   MG RESISTOR   39kΩ 1/16W J   R2451   NRSA63J-393X   MG RESISTOR   75Ω 1/16W J   R2451   NRSA63J-393X   MG RESISTOR   30Ω 1/16W J   R2451   NRSA63J-331X   MG RESISTOR   30Ω 1/16W J   R2451   NRSA63J-223X   MG RESISTOR   30Ω 1/16W J   R2451   NRSA63J-331X   MG RESISTOR   30Ω 1/16W J   R2451   NRSA63J-331X   MG RESISTOR   30Ω 1/16W J   R2451   NRSA63J-223X   MG RESISTOR	R835	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		NRSA63J-223X		22kΩ 1/16W J
R839   NRSA63J-222X   MG RESISTOR   2.2kΩ 1/16W J   R2455   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R840   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2456   NRSA63J-32X   MG RESISTOR   470Ω 1/16W J   R851   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-32X   MG RESISTOR   3.3kΩ 1/16W J   R852   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2458   NRSA63J-393X   MG RESISTOR   390Ω 1/16W J   R2458   NRSA63J-393X   MG RESISTOR   390Ω 1/16W J   R2601   NRSA63J-750X   MG RESISTOR   390Ω 1/16W J   R2601   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2601   NRSA63J-82X   MG RESISTOR   8.2kΩ 1/16W J   R2602   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2601   NRSA63J-82X   MG RESISTOR   6.8kΩ 1/16W J   R2603   NRSA63J-331X   MG RESISTOR   75Ω 1/16W J   R2604   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2604   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2605   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2605   NRSA63J-821X   MG RESISTOR   400Ω 1/16W J   R2605   NRSA63J-80X   MG RESISTOR   330Ω 1/16W J   R2606   NRSA63J-80X   MG RESISTOR   30Ω 1/16W J   R2606   NRSA63J-80X   MG RESISTOR   22kΩ 1/16W J   R2606   NRSA63J-80X   MG RESISTOR   390Ω 1/16W J   R2606   NRSA63J-80X   MG RESISTOR   22kΩ 1/16W J   R2606   NRSA63J-90X   MG RESISTOR   390Ω 1/16W J   R2606   NRSA63J-80X   MG RESISTOR   390Ω 1/16W	R837					NRSA63J-471X		
R840   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   R2456   NRSA63J-471X   MG RESISTOR   470Ω 1/16W J   R851   NRSA63J-391X   MG RESISTOR   390Ω 1/16W J   R2457   NRSA63J-393X   MG RESISTOR   336Ω 1/16W J   R852   NRSA63J-393X   MG RESISTOR   396Ω 1/16W J   R2457   NRSA63J-393X   MG RESISTOR   396Ω 1/16W J   R2601   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2501   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2502   NRSA63J-822X   MG RESISTOR   8.2 ½Ω 1/16W J   R2602   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2502   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2503   NRSA63J-105X   MG RESISTOR   820Ω 1/16W J   R2504   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2504   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2505   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2506   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   R2506   NRSA63J-0R0X   MG RESISTOR   22 ½Ω 1/16W J   R2506   NRSA63J-223X   MG RESISTOR   22 ½Ω 1/16W J   R2506   N								
R852         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R2458         NRSA63J-393X         MG RESISTOR         390Ω 1/16W J           R853         NRSA63J-183X         MG RESISTOR         18kΩ 1/16W J         R2601         NRSA63J-750X         MG RESISTOR         75Ω 1/16W J           R854         NRSA63J-822X         MG RESISTOR         6.2kΩ 1/16W J         R2602         NRSA63J-750X         MG RESISTOR         75Ω 1/16W J           R856         NRSA63J-105X         MG RESISTOR         6.2kΩ 1/16W J         R2603         NRSA63J-750X         MG RESISTOR         75Ω 1/16W J           R859         NRSA63J-105X         MG RESISTOR         1MΩ 1/16W J         R2604         NRSA63J-31X         MG RESISTOR         330Ω 1/16W J           R860         NRSA63J-211X         MG RESISTOR         820Ω 1/16W J         R2605         NRSA63J-31X         MG RESISTOR         330Ω 1/16W J           R861         NRSA63J-3101X         MG RESISTOR         100Ω 1/16W J         R2606         NRSA63J-20X         MG RESISTOR         22kΩ 1/16W J           R862         NRSA63J-31X         MG RESISTOR         330Ω 1/16W J         R6001         NRSA63J-22X         MG RESISTOR         22kΩ 1/16W J           R863         NRSA63J-321X         MG RESISTOR         820Ω 1/16W	R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2456	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R853   NRSA63J-822X   MG RESISTOR   18kΩ 1/16W J   R2601   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2652   NRSA63J-822X   MG RESISTOR   6.8kΩ 1/16W J   R2602   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2653   NRSA63J-750X   MG RESISTOR   75Ω 1/16W J   R2663   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2664   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2665   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2666   NRSA63J-301X   MG RESISTOR   300Ω 1/16W J   R2666   NRSA63J-01X   MG RESISTOR   00Ω 1/16W J   R2666   NRSA63J-01X   MG RESISTOR   00Ω 1/16W J   R2666   NRSA63J-223X   MG RESISTOR   22kΩ 1/16W J   R2662   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2660   NRSA63J-223X   MG RESISTOR   22kΩ 1/16W J   R2662   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R26602   NRSA63J-223X   MG RESISTOR   22kΩ 1/16W J   R2662   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2662   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2662   NRSA63J-331X   MG RESISTOR   820Ω 1/16W J   R2662   NRSA63J-223X   MG RESISTOR   22kΩ 1/16W J   R2663   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   R2663   NRSA23J-331X   MG RESISTOR   330Ω 1/16W J   R2663   NRSA23J-331X   MG RESISTOR   330Ω 1/16W J   R2663   NRSA23J-331X   MG RESISTOR   330Ω 1/16W J   R2663   NRSA23J-223X   MG RESISTOR   6.8kΩ 1/16W J   R2663   NRSA23J-331X   MG RESISTOR   00Ω 1/16W J   R2663   NRSA23J-223X   MG RESISTOR   330 MJ   R2663   NRSA23J-223X   MG RESISTOR   320 MJ   R2663   NRSA23J-223X   MG RESISTOR   330 MJ   R2663   NRSA23J-223X   MG RESISTOR   330 MJ   R2663   NRSA23J-223X   MG RESISTOR   330 MJ   R2663   NRSA23J-223X   MG R25ISTOR   320 MJ   R2663   NRSA23J-223X   MG R25ISTOR   3	R851 R852		MG RESISTOR MG RESISTOR			NRSA63J-332X NRSA63J-393X		
R855         NRSA63J-682X         MG RESISTOR         6.8kΩ 1/16W J         R2603         NRSA63J-75DX         MG RESISTOR         75Ω 1/16W J           R856         NRSA63J-105X         MG RESISTOR         1MΩ 1/16W J         R2604         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J           R859         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R2605         NRSA63J-331X         MG RESISTOR         300Ω 1/16W J           R860         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R2606         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R861         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R6001         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R862         NRSA63J-31X         MG RESISTOR         330Ω 1/16W J         R6000         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R863         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6003         NRSA63J-101X         MG RESISTOR         28kΩ 1/16W J           R864         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6004         NRSA63J-223X         MG RESISTOR         6.8kΩ 1/16W J           R865         NRSA63J-9R0X         MG RESISTOR         390Ω 1/1	R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R2601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R856         NRSA63J-105X         MG RESISTOR         1MΩ 1/16W J         R2604         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J           R859         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R2605         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J           R860         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R2606         NRSA63J-223X         MG RESISTOR         0Ω 1/16W J           R861         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J         R6001         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R862         NRSA63J-821X         MG RESISTOR         330Ω 1/16W J         R6002         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R863         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6002         NRSA63J-101X         MG RESISTOR         22kΩ 1/16W J           R864         NRSA63J-391X         MG RESISTOR         820Ω 1/16W J         R6004         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           R865         NRSA63J-90R0X         MG RESISTOR         390Ω 1/16W J         R6005         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R866         NRSA63J-90R0X         MG RESISTOR         0Ω 1/1								
R860         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R2606         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R861         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R6001         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R862         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J         R6002         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R863         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6003         NRSA63J-223X         MG RESISTOR         100Ω 1/16W J           R864         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6004         NRSA63J-682X         MG RESISTOR         6.8kΩ 1/16W J           R865         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6005         NRSA63J-223X         MG RESISTOR         6.8kΩ 1/16W J           R866         NRSA63J-9R0X         MG RESISTOR         0Ω 1/16W J         R6006         QRL039J-330         QMF RESISTOR         33Ω 3W J           R867         NRSA63J-9R0X         MG RESISTOR         0Ω 1/16W J         R6007         NRSA63J-9R0X         MG RESISTOR         0Ω 1/16W J           R869         NRSA63J-821X         MG RESISTOR         5.6kΩ 1/16W J </td <td>R856</td> <td>NRSA63J-105X</td> <td>MG RESISTOR</td> <td>1MΩ 1/16W J</td> <td>R2604</td> <td>NRSA63J-331X</td> <td>MG RESISTOR</td> <td>330Ω 1/16W J</td>	R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	R2604	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R861         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R6001         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R862         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J         R6002         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R863         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6003         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           R864         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6004         NRSA63J-682X         MG RESISTOR         6.8kΩ 1/16W J           R865         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6005         NRSA63J-223X         MG RESISTOR         6.8kΩ 1/16W J           R866         NRSA63J-9R0X         MG RESISTOR         0Ω 1/16W J         R6005         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R867         NRSA63J-9R0X         MG RESISTOR         0Ω 1/16W J         R6006         QRL039J-330         OMF RESISTOR         33Ω 3W J           R867         NRSA63J-562X         MG RESISTOR         0Ω 1/16W J         R6007         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R873         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
R863         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6003         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           R864         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6004         NRSA63J-682X         MG RESISTOR         6.8kΩ 1/16W J           R865         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6005         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R866         NRSA63J-9R0X         MG RESISTOR         0Ω 1/16W J         R6006         QRL039J-330         OMF RESISTOR         33Ω 3W J           R867         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J         R6007         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R869         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J         R6008         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R873         NRSA63J-391X         MG RESISTOR         820Ω 1/16W J         R6202         NRSA63J-182X         MG RESISTOR         5.6kΩ 1/16W J           R876         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6202         NRSA63J-183X         MG RESISTOR         1.8kΩ 1/16W J           R876         NRSA63J-80X         MG RESISTOR         820Ω 1/16W J </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>NRSA63J-223X</td> <td></td> <td></td>						NRSA63J-223X		
R865         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6005         NRSA63J-223X         MG RESISTOR         22kΩ 1/16W J           R866         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J         R6006         QRL039J-330         OMF RESISTOR         33Ω 3W J           R867         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J         R6006         QRL039J-330         MG RESISTOR         0Ω 1/16W J           R869         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J         R6008         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R873         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6201         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J           R874         NRSA63J-9R0X         MG RESISTOR         390Ω 1/16W J         R6202         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J           R876         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6203         NRSA63J-183X         MG RESISTOR         1.8kΩ 1/16W J           R877         NRSA63J-862X         MG RESISTOR         820Ω 1/16W J         R6204         NRSA63J-162X         MG RESISTOR         5.6kΩ 1/16W J           R879         NRSA63J-1562X         MG RESISTOR         5.6kΩ 1/16W			MG RESISTOR			NRSA63J-223X NRSA63J-101X		
R866         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J         R6006         QRL039J-330         OMF RESISTOR         33Ω 3W J           R867         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J         R6007         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R869         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J         R6008         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R873         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6201         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J           R874         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6202         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J           R876         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J         R6202         NRSA63J-183X         MG RESISTOR         1.8kΩ 1/16W J           R877         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6203         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J           R879         NRSA63J-62X         MG RESISTOR         5.6kΩ 1/16W J         R6205         NRSA63J-473X         MG RESISTOR         47kΩ 1/16W J           R883         NRSA63J-152X         MG RESISTOR         1.5kΩ 1/16W J<								
R869         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J         R6008         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R873         NRSA63J-821X         MG RESISTOR         820Ω 1/16W J         R6201         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J           R874         NRSA63J-391X         MG RESISTOR         390Ω 1/16W J         R6202         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J           R876         NRSA63J-500X         MG RESISTOR         0Ω 1/16W J         R6203         NRSA63J-183X         MG RESISTOR         18kΩ 1/16W J           R877         NRSA63J-562X         MG RESISTOR         820Ω 1/16W J         R6204         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J           R879         NRSA63J-562X         MG RESISTOR         5.6kΩ 1/16W J         R6205         NRSA63J-473X         MG RESISTOR         47kΩ 1/16W J           R883         NRSA63J-471X         MG RESISTOR         470Ω 1/16W J         R6301         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           R884         NRSA63J-152X         MG RESISTOR         1.5kΩ 1/16W J         R6302         NRSA63J-103X         MG RESISTOR         10kΩ 1/16W J           R885         NRSA63J-123X         MG RESISTOR         12kΩ				0Ω 1/16W J				33Ω 3W J
R873 NRSA63J-821X MG RESISTOR 820Ω 1/16W J R6201 NRSA63J-562X MG RESISTOR 5.6kΩ 1/16W J R874 NRSA63J-391X MG RESISTOR 390Ω 1/16W J R6202 NRSA63J-182X MG RESISTOR 1.8kΩ 1/16W J R676 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R6203 NRSA63J-183X MG RESISTOR 18kΩ 1/16W J R677 NRSA63J-821X MG RESISTOR 820Ω 1/16W J R6204 NRSA63J-562X MG RESISTOR 5.6kΩ 1/16W J R679 NRSA63J-562X MG RESISTOR 5.6kΩ 1/16W J R6205 NRSA63J-562X MG RESISTOR 47kΩ 1/16W J R6205 NRSA63J-473X MG RESISTOR 47kΩ 1/16W J R683 NRSA63J-471X MG RESISTOR 470Ω 1/16W J R6205 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R684 NRSA63J-152X MG RESISTOR 1.5kΩ 1/16W J R6302 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R685 NRSA63J-123X MG RESISTOR 12kΩ 1/16W J R6303 NRSA63J-103X MG RESISTOR 10kΩ 1/16W J R6885 NRSA63J-123X MG RESISTOR 12kΩ 1/16W J R6303 NRSA63J-103X MG RESISTOR 10kΩ 1/16W J								
R876 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R6203 NRSA63J-183X MG RESISTOR 18kΩ 1/16W J R877 NRSA63J-821X MG RESISTOR 820Ω 1/16W J R6204 NRSA63J-562X MG RESISTOR 5.6kΩ 1/16W J R6204 NRSA63J-562X MG RESISTOR 47kΩ 1/16W J R6883 NRSA63J-471X MG RESISTOR 47kΩ 1/16W J R6301 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R884 NRSA63J-152X MG RESISTOR 1.5kΩ 1/16W J R6302 NRSA63J-103X MG RESISTOR 0Ω 1/16W J R885 NRSA63J-123X MG RESISTOR 12kΩ 1/16W J R6303 NRSA63J-103X MG RESISTOR 10kΩ 1/16W J			MG RESISTOR	820Ω 1/16W J	R6201		MG RESISTOR	
R877       NRSA63J-821X       MG RESISTOR       820Ω 1/16W J       R6204       NRSA63J-562X       MG RESISTOR       5.6kΩ 1/16W J         R879       NRSA63J-562X       MG RESISTOR       5.6kΩ 1/16W J       R6205       NRSA63J-473X       MG RESISTOR       47kΩ 1/16W J         R881       NRSA63J-471X       MG RESISTOR       470Ω 1/16W J       R6301       NRSA63J-0R0X       MG RESISTOR       0Ω 1/16W J         R884       NRSA63J-152X       MG RESISTOR       1.5kΩ 1/16W J       R6302       NRSA63J-0R0X       MG RESISTOR       0Ω 1/16W J         R885       NRSA63J-123X       MG RESISTOR       12kΩ 1/16W J       R6303       NRSA63J-103X       MG RESISTOR       10kΩ 1/16W J								
R883 NRSA63J-471X MG RESISTOR 470 $\Omega$ 1/16W J R6301 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R884 NRSA63J-152X MG RESISTOR 1.5k $\Omega$ 1/16W J R6302 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R885 NRSA63J-123X MG RESISTOR 12k $\Omega$ 1/16W J R6303 NRSA63J-103X MG RESISTOR 10k $\Omega$ 1/16W J	R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R6204	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R884 NRSA63J-152X MG RESISTOR 1.5kΩ 1/16W J R6302 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R885 NRSA63J-123X MG RESISTOR 12kΩ 1/16W J R6303 NRSA63J-103X MG RESISTOR 10kΩ 1/16W J								
	R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R6302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

Ref No.	Part No.	Part Name	Description Local	ÆRef No.	Part No.	Part Name	Description Local
R6305	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R6670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6307	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6308 R6309	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J	R6674 R6675	NRSA63J-102X NRSA63J-562X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 5.6kΩ 1/16W J
R6310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6676	NRSA63J-502X NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6423	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R6680	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6424 R6425	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	R6684 R6685	NRSA63J-104X NRSA63J-563X	MG RESISTOR MG RESISTOR	100kΩ 1/16W J 56kΩ 1/16W J
R6431	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R6686	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R6691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6515 R6516	NRSA63J-332X NRSA63J-223X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 22kΩ 1/16W J	RB802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L807	NQR0499-001X	FERRITE BEADS	
R6518	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	L808	NQR0499-001X	FERRITE BEADS	
R6519	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	L809	NQR0499-001X	FERRITE BEADS	0.0.1116
R6520 R6521	NRSA63J-103X NRSA63J-222X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 2.2kΩ 1/16W J	L851 L852	NQL092K-6R8X NQL092K-6R8X	P COIL P COIL	6.8uH K 6.8uH K
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L853	NQL092K-6R8X	P COIL	6.8uH K
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L854	NQL092M-270X	P COIL	27uH M
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L855	NQL904J-560X	COIL	56uH J
R6525 R6526	NRSA63J-222X NRSA63J-333X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 33kΩ 1/16W J	L861 L862	NQL914K-220X NQL914K-101X	COIL COIL	22uH K 100uH K
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L863	NQL914K-101X	COIL	100uH K
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L864	NQL914K-101X	COIL	100uH K
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L865	NQL914K-220X	COIL	22uH K
R6530 R6531	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L866 L867	NQL914K-220X NQL914K-220X	COIL COIL	22uH K 22uH K
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L902	NQL514N-220X NQL52EM-220X	COIL	22uH M
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L903	NQL52EM-220X	COIL	22uH M
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L904	NQL52EM-220X	COIL	22uH M
R6535 R6536	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	L6661 L6662	QQL28AK-560 QQL28AK-560	COIL COIL	56uH K 56uH K
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0002	QQLZ0AIX-300	OOIL	Journe
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	CN000H	QGF1201C2-21	CONNECTOR	FFC/FPC (1-21)
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	CN0011	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
R6540 R6541	NRSA63J-103X NRSA63J-222X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 2.2kΩ 1/16W J	CN0012 J2001	QGF0508F1-50X QNZ0463-001	CONNECTOR 21P CONNECTOR	FFC/FPC (1-50) EXT-1
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	J2002	QNZ0463-001	21P CONNECTOR	EXT-2
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	J2003	QNZ0726-001	AV JACK	EXT-3
R6551 R6552	NRSA63J-153X NRSA63J-332X	MG RESISTOR MG RESISTOR	15kΩ 1/16W J	J2004 J2005	QNN0650-001	PIN JACK	EXT-4 AUDIO IN/OUT
R6553	NRSA63J-332X NRSA63J-104X	MG RESISTOR	3.3kΩ 1/16W J 100kΩ 1/16W J	J2005 J2007	QNN0649-001 QNZ0561-001	PIN JACK D CONNECTOR	RGB IN
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	K6601	NQR0499-002X	FERRITE BEADS	TOD III
R6555	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	K6602	NQR0499-002X	FERRITE BEADS	
R6556 R6557	NRSA63J-104X NRSA63J-561X	MG RESISTOR MG RESISTOR	100kΩ 1/16W J 560Ω 1/16W J	K6661 K6662	NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS	
R6558	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	K6663	NQR0499-002X NQR0499-002X	FERRITE BEADS	
R6559	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K6664	NQR0499-002X	FERRITE BEADS	
R6560	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	<b>△TH6661</b>	NAD0035-471X	P THERMISTOR	470Ω
R6563 R6564	NRSA63J-224X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J 0Ω 1/16W J	X201 X801	NAX0787-001X NAX0621-001X	CRYSTAL CRYSTAL	16.200MHz
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	7,001	11/2/0021-001/	OKTOTAL	10.200IVII IZ
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J			0.1 D D . 1 0 0 D / / 0 1	
R6577 R6578	NRSA63J-183X NRSA63J-392X	MG RESISTOR MG RESISTOR	18kΩ 1/16W J 3.9kΩ 1/16W J	CONNE	CTOR P.W. B	OARD ASS'Y (S	FL-4112A-U2)
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		Part No.	Part Name	Description Local
R6580	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	10,4004	DO4550D V	10	
R6602 R6603	NRSA63J-333X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 0Ω 1/16W J	IC4301	RC4558D-X	IC	
R6605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C4210	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	C4211	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M
R6607 R6617	NRSA63J-0R0X NRSA63J-562X	MG RESISTOR	0Ω 1/16W J 5.6kΩ 1/16W J	C4303	NEHL1CM-106X NEHL1CM-106X	E CAPACITOR	10uF 16V M
R6621	NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J	C4304 C4305	NEHL1CM-476X	E CAPACITOR E CAPACITOR	10uF 16V M 47uF 16V M
R6622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	C4306	NEHL1CM-476X	E CAPACITOR	47uF 16V M
R6623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				
R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	R4301	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R6625 R6626	NRSA63J-102X NRSA63J-152X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1.5kΩ 1/16W J	R4302 R4303	NRSA63J-472X NRSA63J-104X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 100kΩ 1/16W J
R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R4304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R6629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R4305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R6630 R6631	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R4306	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6632	NRSA63J-102X NRSA63J-392X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 3.9kΩ 1/16W J	R4307 R4308	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R6633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R4405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R4406	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6661 R6662	NRSA63J-102X NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J	R4407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0002	NK2403J-102X	MG RESISTOR	1K22 1/16W J	R4408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

MG RESISTOR
MG RESISTOR
MG RESISTOR
MG RESISTOR
MG RESISTOR

UNF C RESISTOR UNF C RESISTOR UNF C RESISTOR UNF C RESISTOR

0Ω 1/16W J

 $39k\Omega$  1/16W J

 $39k\Omega$  1/16W J

5.6Ω 1/2W J 22Ω 1/2W J 5.6Ω 1/2W J 22Ω 1/2W J

R6663

R6664

R6665

R6666 R6667 R6668 R6669 NRSA63J-102X NRSA63J-393X

NRSA63J-0R0X NRSA63J-393X

QRK126J-5R6X QRK126J-220X QRK126J-5R6X QRK126J-220X

IC4301	RC4558D-X	IC	
C4210 C4211 C4303 C4304 C4305 C4306	QETN0JM-228Z QETN0JM-228Z NEHL1CM-106X NEHL1CM-106X NEHL1CM-476X NEHL1CM-476X	E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR	2200uF 6.3V M 2200uF 6.3V M 10uF 16V M 10uF 16V M 47uF 16V M 47uF 16V M
R4301 R4302 R4303 R4304 R4305 R4306 R4307 R4308 R4405 R4407 R4408 R4409 R4410 R4506 R4507	NRSA63J-472X NRSA63J-472X NRSA63J-104X NRSA63J-472X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J 100kΩ 1/16W J 4.7kΩ 1/16W J 4.7kΩ 1/16W J 100kΩ 1/16W J 100kΩ 1/16W J 10kΩ 1/16W J 0Ω 1/16W J
CN0001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)

ΔRef No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local	
CN0002 CN000T CN1011 CN1012	QGF0508F1-30X QGF0540C1-40X QGF0508F1-50X QGF0508F1-50X	CONNECTOR CONNECTOR CONNECTOR CONNECTOR	FFC/FPC (1-30) FFC/FPC (1-40) FFC/FPC (1-50) FFC/FPC (1-50)	Q9211 Q9212 Q9213 Q9215 Q9216 Q9251	2SK3522-01-F1 2SD601A/QR/-X IMD3A-W 2SD601A/QR/-X UN2212-X UN2213-X UN2212-X	POWER MOS FET TRANSISTOR DIGI TRANSISTOR TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR		
FRONT  ⚠Ref No.	Part No.	W. BOARD ASS'  Part Name	Y (SFL-7111A-U2)  Description Local	Q9252 Q9501 Q9502 Q9503	2SD601A/QR/-X 2SK2865-X 2SD601A/QR/-X	TRANSISTOR POWER MOS FET TRANSISTOR		
 D7011	UDZS6.2B-X	Z DIODE		Q9504 Q9506 Q9541	2SK2018-01S-W UN2213-X UN2212-X	POWER MOS FET DIGI TRANSISTOR DIGI TRANSISTOR		
C7011	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	Q9602 Q9603	2SB1188/QR/-W UN2212-X	TRANSISTOR DIGI TRANSISTOR		
C7012	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	Q9606 Q9901	2SC3928A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		
R7011 R7012 R7013 R7014 R7015 R7016 R7018 R7701 R7702 R7703 R7704	NRSA63J-102X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-103X NRSA63J-101X NRSA63J-0R0X NRSA63J-472X NRSA63J-822X NRSA63J-472X NRSA63J-822X NRSA63J-822X	MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J 100Ω 1/16W J 100Ω 1/16W J 10kΩ 1/16W J 10kΩ 1/16W J 0Ω 1/16W J 4.7kΩ 1/16W J 8.2kΩ 1/16W J 4.7kΩ 1/16W J 8.2kΩ 1/16W J	D9021 D9111 AD9201 D9202 D9205 D9211 D9213 D9214 D9215 D9251 D9251	MA111-X S1WB/A/60-4101 D25XB60 MA111-X MA3082/M/-X YG972S6R MA111-X MA111-X D1FL20U-X MA3100/M/-X MA111-X	SI DIODE BRIDGE DIODE BRIDGE DIODE SI DIODE		
L7001 L7002	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J	D9253 D9254	MA111-X D1FL20U-X	SI DIODE SI DIODE		
J7001 K7001 S7701 S7702 S7703 S7704 S7705 S7706 S7707	QNS0097-001 NRSA63J-0R0X QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z	HEADPHONE JACK MG RESISTOR TACT SWITCH	0Ω 1/16W J CH- CH+ MENU TV/AV VOL+ VOL- POWER	D9302 D9501 D9502 D9503 D9504 D9505 D9507 D9508 D9509 D9512 D9514	D9301 FME-220A D9302 FME-220A D9501 MA8220/M/-X D9502 MA8110/H/-X D9503 D1FL20U-X D9504 D1FL20U-X D9505 MA8220/M/-X D9507 D1FL20U-X D9508 UDZS5.6B-X D9509 SD883-04-X D9512 D1FS4-X	D9302         FME-220A         SB DIODE           D9501         MA8220/M/-X         Z DIODE           D9502         MA8110/H/-X         Z DIODE           D9503         D1FL20U-X         SI DIODE           D9504         D1FL20U-X         SI DIODE           D9505         MA8220/M/-X         Z DIODE           D9507         D1FL20U-X         SI DIODE           D9508         UDZS5.6B-X         Z DIODE           D9509         SD883-04-X         SB DIODE           D9512         D1FS4-X         SB DIODE           D9514         PTZ27B-X         Z DIODE	1.5kΩ 1/10W J	
FRONT	LED P.W. BO	ARD ASS'Y (SFI	8133A-U2)	D9515 D9542 D9543	PTZ27B-X FCH20A10 FCH20A10	Z DIODE SB DIODE SB DIODE		
⚠Ref No.	Part No.	Part Name	Description Local	D9546 D9609	FCH20A10 MA111-X	SB DIODE SI DIODE		
IC8752	GP1UM261RK	IR DETECT UNIT		D9901 D9902 D9903	EC30HA04-X MA111-X EC30HA04-X	SB DIODE SI DIODE SB DIODE		
Q8703 Q8704 Q8710 Q8711	UN2212-X UN2110-X UN2212-X UN2212-X	DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR		D9905 D9906 D9907 D9908 D9909	D1FL20U-X PTZ11B-X MTZJ16B-T2 MTZJ16B-T2 D1FL20U-X	SI DIODE Z DIODE Z DIODE Z DIODE Z DIODE SI DIODE		
D8702 D8705 D8706 D8707 D8708 D8709	SEL5E20C-T SELU5E20C-T MA8068-X MA8068-X MA8068-X MA8068-X	LED LED Z DIODE Z DIODE Z DIODE Z DIODE Z DIODE	POWER ILLUMINATION	⚠C9001	QFZ9072-105 QFZ9072-105 QCZ9071-102 QCZ9071-102 QCZ9078-472 QCZ9078-472	MM CAPACITOR MM CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR	1uF AC250V K 1uF AC250V K 1000pF AC400V M 1000pF AC400V M 4700pF AC250V M	
C8752	NEHL1CM-476X	E CAPACITOR	47uF 16V M	∆C9102 ∆C9103 C9111	QCZ9078-472 QCZ9078-472 QEZ0709-106	C CAPACITOR C CAPACITOR E CAPACITOR	4700pF AC250V M 4700pF AC250V M 10uF 450V M	
R8713 R8714 R8721 R8722 R8724 R8726 R8755	NRSA63J-331X NRSA63J-103X NRSA63J-101X NRSA63J-271X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-102X	MG RESISTOR	$\begin{array}{c} 330\Omega\ 1/16W\ J \\ 10k\Omega\ 1/16W\ J \\ 100\Omega\ 1/16W\ J \\ 270\Omega\ 1/16W\ J \\ 0\Omega\ 1/16W\ J \\ 0\Omega\ 1/16W\ J \\ 1k\Omega\ 1/16W\ J \\ \end{array}$	C9141 C9142 C9143 AC9197 AC9198 AC9201 AC9203 AC9204 AC9205	C9141 C9142 C9143 AC9197 AC9198 AC9201 AC9203 AC9204	QECR1CM-477Z QEHR1AM-337Z QEHR1CM-107Z QCZ9071-102 QCZ9078-222 QCZ9078-222 QCZ9078-222 QCZ9078-222 QCZ9078-222	E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR	470uF 16V M 330uF 10V M 100uF 16V M 1000pF AC400V M 1000pF AC400V M 2200pF AC250V M 2200pF AC250V M 2200pF AC250V M 2200pF AC250V M
POWER	R P.W. BOARD	) ASS'Y (SFL-90	28A-U2)	C9211 C9212 C9213	QFZ0222-105 NCB31HK-103X NCB21CK-105X	MM CAPACITOR C CAPACITOR C CAPACITOR	1uF 450V K 0.01uF 50V K 1uF 16V K	
⚠Ref No.	Part No.	Part Name	Description Local	C9214 C9215	NDC31HJ-102X QEHR1VM-476Z	C CAPACITOR E CAPACITOR	1000pF 50V J 47uF 35V M	
IC9141 ΔIC9211 IC9501 ΔIC9541 IC9602 IC9901 Q9021	BA50BC0FP-X FA5500AN-W F9222L-F219 UTCTL431-T M62320FP-X MP1593DN-X 2SC3928A/QR/-X	IC IC IC IC IC IC IC IC TRANSISTOR		C9216 C9218 C9219 C9221 C9251 C9252 C9301 C9302 C9501 C9502	QEZ0650-227 NCB31HK-103X QCZ0340-331 NCB31HK-222X QEHR1HM-107Z NCB31HK-104X QECR1EM-687Z QECR1EM-687Z NCB31HK-104X NCB31HK-104X	E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR	220uF 450V M 0.01uF 50V K 330pF 2kV K 2200pF 50V K 100uF 50V M 0.1uF 50V K 680uF 25V M 680uF 25V M 0.1uF 50V K 0.1uF 50V K	

Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
C9503	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R9516	QRT029J-2R2	MF RESISTOR	2.2Ω 2W J
C9504	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	R9517	NRS12BJ-332W	MG RESISTOR	3.3kΩ 1/2W J
C9505	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	R9518	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J
C9506	NCB31HK-331X	C CAPACITOR	330pF 50V K	R9519	NRSA02J-180X	MG RESISTOR	18Ω 1/10W J
C9507	NCB31HK-472X	C CAPACITOR	4700pF 50V K	R9520	QRE121J-105Y	C RESISTOR	1MΩ 1/2W J
C9508 C9509	NCB11AK-335X	C CAPACITOR	3.3uF 10V K	R9521 R9525	NRSA63J-223X	C RESISTOR MG RESISTOR	22kΩ 1/16W J
C9510	QEHR1HM-107Z QEHR2AM-107Z	E CAPACITOR E CAPACITOR	100uF 50V M 100uF 100V M	R9526	NRSA63J-333X NRSA63J-151X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 150Ω 1/16W J
C9511	QFZ0209-393	MPP CAPACITOR	0.039uF	R9527	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
C9512	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	R9529	QRL039J-681	OMF RESISTOR	680Ω 3W J
C9520	NCB31HK-331X	C CAPACITOR	330pF 50V K	R9536	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
C9541	QECQ1VM-128	E CAPACITOR	1200uF 35V M	R9541	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J
C9544	QECQ1VM-128	E CAPACITOR	1200uF 35V M	R9542	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J
C9545	QECQ1VM-128	E CAPACITOR	1200uF 35V M	R9543	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C9550	QECQ1VM-128	E CAPACITOR	1200uF 35V M	R9544	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D
C9551	NCB11HK-104X	C CAPACITOR	0.1uF 50V K	R9545	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D
C9552	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	R9546	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C9553	QEHR1EM-477Z	E CAPACITOR	470uF 25V M	R9548	NRSA63D-392X	MG RESISTOR MG RESISTOR	3.9kΩ 1/16W D
C9606	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	R9549	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9609	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R9552	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
C9610	NDC31HJ-680X	C CAPACITOR	68pF 50V J	R9562	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J
C9611	NDC31HJ-680X	C CAPACITOR	68pF 50V J	R9563	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J
C9902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R9615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C9903	QECR1CM-477Z	E CAPACITOR	470uF 16V M	R9616	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C9904	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R9629	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C9907	NCB31EK-273X	C CAPACITOR	0.027uF 25V K	R9631	NRSA02J-332X	MG RESISTOR	3.3kΩ 1/10W J
C9908	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	R9632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9909	QEHR1HM-106Z	E CAPACITOR	10uF 50V M	R9635	NRS12BJ-221W	MG RESISTOR	220Ω 1/2W J
C9912	QEHR1CM-477Z	E CAPACITOR	470uF 16V M	R9637	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
C9913	NCJ41HK-335X-U	C CAPACITOR		R9641	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9914 C9917	QTNC1HM-106Z	E CAPACITOR	10uF 50V M	R9643 R9648	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J
	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R9657 R9658	NRSA63J-102X NRS12BJ-6R8W	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 6.8Ω 1/2W J
<b>∆</b> R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	R9658	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R9021	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R9659	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9022 R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9660 R9661	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9141	QRZ0216-4R7 QRX01GJ-1R0	UNF WW RESISTOR MF RESISTOR	4.7Ω 7W K 1Ω 1W J	R9901	NRS12BJ-6R8W NRSA02J-0R0X	MG RESISTOR MG RESISTOR	6.8Ω 1/2W J 0Ω 1/10W J
R9142	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J	R9902	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D
<b>∆</b> R9199	QRZ9046-685Z	C RESISTOR	6.8MΩ 1/2W K	R9903	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
⚠R9201	QRZ9055-8R2	FUSI RESISTOR	8.2Ω 2W K	R9904	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D
R9203	NRS12BJ-681W	MG RESISTOR	680Ω 1/2W J	R9905	QRK126J-222X	UNF C RESISTOR	2.2kΩ 1/2W J
R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	R9906	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	R9907	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	R9908	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R9214	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J	R9909	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9215	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9913	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R9923	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9217 R9218	NRSA63J-224X NRSA63D-183X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J 18kΩ 1/16W D	L9141	NQL52EN-4R7X	COIL	4.7uH N
R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	L9201	QQR1662-001	CHOKE COIL	
R9220	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	L9202	QQR1513-001	CHOKE COIL	
R9221	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	L9541	NQL71EM-150X	COIL	15uH M
R9222	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	L9542	NQL52EM-470X	COIL	47uH M
R9223	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	L9902	NQR0562-001X	CHOKE COIL	
R9224	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	L9903	NQR0562-001X	CHOKE COIL	47uH M
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	L9904	NQL63EM-470X	COIL	
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	<b></b> ∆T9121	QAL0425-001	POWER MODULE SW TRANSF	
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	<b></b> ∆T9501	QQS0347-002	SW TRANSF	
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	<b>∆</b> T9502	QQS0347-002	SW TRANSF	
R9229 R9233	NRSA63D-274X NRS181J-0R0X	MG RESISTOR MG RESISTOR	270kΩ 1/16W D 0Ω 1/8W J	CN0006	QGB2501J1-07	CONNECTOR	B-B (1-7)
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J		QGB2501J1-10	CONNECTOR	B-B (1-10)
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		QGF1201C2-21	CONNECTOR	FFC/FPC (1-21)
R9238	NRS12BJ-220W	MG RESISTOR	22Ω 1/2W J	<b>△CP9121</b>	QMFZ052-2R0-E	FUSE	2A AC250V
R9239	NRS12BJ-1R0W	MG RESISTOR	1Ω 1/2W J		QMFZ043-2R0Z-J1	FUSE	2A AC250V
R9251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		QMFZ034-5R0Z-J1	FUSE	5A 125V
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	<b>∆</b> CP9302	QMFZ034-5R0Z-J1	FUSE	5A 125V
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	<b>∆</b> F9001	QMF5AD2-6R3-J1	FUSE	6.3A AC250V
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	K9001	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	K9111	NQR0499-001X	FERRITE BEADS	
R9257	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	K9211	QQR0621-002Z	FERRITE BEADS	
R9301	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J	K9212	QQR0621-002Z	FERRITE BEADS	
R9302	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J	K9501	NQR0499-002X	FERRITE BEADS	
R9501	QRL039J-103	OMF RESISTOR	10kΩ 3W J	K9502	NQR0499-002X	FERRITE BEADS	
R9502	QRL039J-103	OMF RESISTOR	10kΩ 3W J	K9503	NQR0499-002X	FERRITE BEADS	
R9503	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	K9504	NQR0499-002X	FERRITE BEADS	
R9504	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	K9505	NQR0499-002X	FERRITE BEADS	0Ω 1/10W J
R9505	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	K9508	NRSA02J-0R0X	MG RESISTOR	
R9506 R9507	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	K9509 K9541	NQR0499-002X NQR0499-001X	FERRITE BEADS	
R9508	NRSA63J-473X QRT029J-R56	MG RESISTOR MF RESISTOR	47kΩ 1/16W J 0.56Ω 2W J	ΔLF9001	QQR1514-001	FERRITE BEADS LINE FILTER	
R9509	QRM059J-R27	MP RESISTOR	0.27Ω 5W J	∆LF9002	QQR1467-001	LINE FILTER	
R9510	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	∆LF9003	QQR1514-001	LINE FILTER	
R9511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	⚠PC9541	PS2581AL2/QW/-W	PHOTO COUPLER	
R9512	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	⚠PC9542	PS2581AL2/QW/-W	PHOTO COUPLER	
R9513	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	<b></b> ∆RY9021	QSK0162-001	RELAY	
R9514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	⚠RY9201	QSK0163-001	RELAY	620V
R9515	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	⚠VA9001	QAF0060-621	VARISTOR	

### REGULATOR P.W. BOARD ASS'Y (SFL-9128A-U2)

ÆRef No.	Part No.	Part Name	Description Local
IC9801 IC9821 IC9841 IC9861 IC9881	MP1593DN-X MP1593DN-X MP1593DN-X MP1593DN-X LM393DR-X	IC IC IC IC	
Q9801 Q9821	2SC3928A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR	
D9802 D9803 D9805 D9822 D9823 D9824 D9825 D9842 D9861 D9862 D9863 D9864 D9881 D9882	EC30HA04-X MA111-X PTZ6.8B-X EC30HA04-X PTZ6.8B-X MA111-X EC30HA04-X PTZ3.9B-X MA111-X EC30HA04-X PTZ3.9B-X EC30HA04-X PTZ3.9B-X EC30HA04-X UDZS9.1B-X MA111-X	SB DIODE SI DIODE Z DIODE SB DIODE SI DIODE SI DIODE SB DIODE SB DIODE SI DIODE	
C9803 C9804 C9805 C9806 C9807 C9810 C9821 C9823 C9825 C9825 C9826 C9827 C9830 C9831 C9844 C9845 C9846 C9847 C9866 C9867 C9868 C9867 C9868 C9868 C9883 C9884 C9883 C9884	NCJ41HK-335X-U NCB31HK-103X NCB31HK-222X NCJ41CK-226X-U NCB31HK-332X NEHM1HM-105X NCJ41HK-335X-U NCB31HK-103X NDC31HJ-101X NCJ31HK-103X NDC31HJ-101X NCJ41CK-226X-U NCB31HK-103X NBZ0008-107X NCJ41CK-226X-U NCJ41HK-335X-U NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-335X-U NCB31HK-335X-U NCB31HK-322X NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR	0.01uF 50V K 2200pF 50V K 22mF 16V K 3300pF 50V K 1uF 50V M  0.1uF 50V K 0.01uF 50V K 100pF 50V J 22mF 16V K 0.01uF 50V K 100uF 6.3V M 22mF 16V K  0.01uF 50V K 120pF 50V J 22mF 16V K  22mF 16V K 2200pF 50V K 22mF 16V K 2200pF 50V K 22mF 16V K 2200pF 50V K 22mF 16V K 0.01uF 50V K 120pF 50V J 22mF 16V K 22mF 16V K 0.01uF 50V K 1100 F 50V F 50V K 1100 F 50V F
R9803 R9804 R9805 R9806 R9807 R9808 R9809 R9810 R98112 R9822 R9823 R9824 R9825 R9826 R9827 R9828 R9829 R9830 R9831 R9841 R9845 R9846 R9845 R9846 R9845 R9846 R9847 R9848 R9849 R9861 R9862	NRSA02J-0R0X NRSA63J-562X NRVA02D-473X NRSA63D-124X NRSA63D-103X NRSA63J-1682X NRSA63J-182X NRSA63J-183X NRSA02J-0R0X NRSA02J-0R0X NRSA03J-104X NRSA63J-104X NRSA63J-103X NRSA63J-103X NRSA63D-103X NRSA63D-124X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-183X NRSA63J-183X NRSA02J-0R0X NRSA63J-183X NRSA03J-183X NRSA03J-183X NRSA03J-183X NRSA03J-183X NRSA03J-183X NRSA03J-103X NRSA63J-154X NRSA63J-154X NRSA63J-154X NRSA63J-103X	MG RESISTOR	0Ω 1/10W J 5.6kΩ 1/16W J 47kΩ 1/10W D 120kΩ 1/16W D 10kΩ 1/16W D 6.8kΩ 1/16W J 1.8kΩ 1/16W J 1.8kΩ 1/16W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 100kΩ 1/16W J 100kΩ 1/16W J 100kΩ 1/16W J 100kΩ 1/16W D 100kΩ 1/16W D 120kΩ 1/16W D 120kΩ 1/16W D 1.8kΩ 1/16W J 1.8kΩ 1/16W J 0Ω 1/10W J 10kΩ 1/16W D 150kΩ 1/16W D 150kΩ 1/16W D

⚠Ref No.	Part No.	Part Name	Description Loca
R9863 R9864 R9865 R9865 R9866 R9867 R9868 R9869 R9881 R9882 R9883 R9884	NRSA63J-824X NRSA63J-680X NRSA63J-103X NRSA63D-153X NRSA63D-153X NRSA63D-154X NRSA02J-0R0X NRS12BJ-332W NRSA63D-472X NRSA63D-472X NRSA63D-472X NRSA63D-472X NRSA63D-622X	MG RESISTOR	820kΩ 1/16W J 68Ω 1/16W J 10kΩ 1/16W D 15kΩ 1/16W D 10kΩ 1/16W D 0Ω 1/16W D 0Ω 1/10W J 3.3kΩ 1/2W J 4.7kΩ 1/16W D 4.7kΩ 1/16W D 6.8kΩ 1/16W J
R9885	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D
R9886	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
L9802 L9822 L9823	NQL98EM-150X NQL71EM-150X NQR0562-003X	COIL COIL CHOKE COIL	15uH M 15uH M
L9842	NQL98EM-150X	COIL	15uH M
L9862	NQL98EM-150X	COIL	15uH M
CN9806	QGB2501K2-07	CONNECTOR	B-B (1-7)
CN9807	QGB2501K2-10	CONNECTOR	B-B (1-10)

### DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D236A-U2)

_Ref No.	Part No.	Part Name	Description Loc
IC0401 IC1001 IC1002 IC1003 IC1003 IC1005 IC1502 IC3001 IC3004 IC3005 IC3006 IC3007 IC3008 IC3403 IC3501 IC3502 IC3503 IC4001 IC4004 IC6502 IC7001 IC7002 IC7003 IC7504 IC7505 IC7504 IC7505 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506 IC7506	SN74AHCT1G32V-X TC90A92AFG MM1572FN-X R1141Q151D-X ML87V2105TBZ03A NJM2235V-X JCC5055A TC7MB3257FK-X SN74LVC1G08V-X SN74LVC2G126T-X SN74LVC3G17U-X R1170H331B-X S-80928CLNB-G-W EDD1232AAFA-7A LP2996MR-X JCC5057 AT29LE-26S60BU THC63LVDM83R-W MN102H60KLH ATF512-26S60BU THC63LVDM83R-W MN102H60KLH ATF512-26S60BU SN74LVC2G241T-X S-80928CLNB-G-W SDA6000-B12 S-80828CNNB-G	IC I	(SERVICE) (SERVICE) (SERVICE)
IC9201  Q0101 Q0102 Q0104 Q0105 Q0107 Q0108 Q0109 Q0110 Q0201 Q0202 Q0203 Q0204 Q0205 Q0206 Q0207 Q0208 Q0209 Q0210 Q0301 Q0302 Q0303 Q0304 Q0305 Q0306 Q0307	MP1593DN-X  2SC3837K/NP/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SC3928A/QR/-X 2SA1530A/QR/-X HN1C01F/Y/-X HN1C01F/Y/-X 2SC3928A/QR/-X 2SA1022/BC/-X 2SC3928A/QR/-X	IC  TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR	

∆Ref No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
Q0308 Q0309 Q0310 Q0311 Q1001 Q1003 Q1004 Q1005 Q1006 Q1101 Q1203 Q1301 Q1303 Q1301 Q1303 Q1401 Q1403 Q3001 Q3002 Q3003 Q3004 Q6501 Q6502 Q7201 Q7205 Q7205 Q7207 Q7206 Q7207 Q7208 Q7209 Q7501 Q7508	2SC3928A/QR/-X HN1C01F/Y/-X HN1C01F/Y/-X 2SC3928A/QR/-X UN2213-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SK1228-X 2SK1228-X 2SK1228-X 2SK1228-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SC3928A/QR/-X	TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR DIGI TRANSISTOR TRANSISTOR TRANSISTOR MOS FET MOS FET MOS FET TRANSISTOR		C0315 C0317 C0318 C0401 C0519 C1001 C1004 C1005 C1006 C1009 C1010 C1011 C1012 C1013 C1014 C1015 C1006 C1009 C1010 C1011 C1012 C1013 C1014 C1015 C1016 C1017 C1018 C1019 C1020 C1020 C1020 C1030 C1031 C1032 C1033 C1034 C1035 C1037 C1038	NCB31CK-104X NDC31HJ-560X NDC31HJ-151X NCB31CK-104X NDC31HJ-560X NCB31HK-103X NCB31HK-103X NCB31HK-103X NDC31HJ-220X NDC31HJ-180X NDC31HJ-180X NDC31HJ-180X NDC31HJ-102X NCB31HK-103X	C CAPACITOR C C C C C C C C C C C C C C C C C C C	0.1uF 16V K 56pF 50V J 150pF 50V J 0.1uF 16V K 56pF 50V J 0.01uF 50V K 0.01uF 50V K 1500pF 50V K 0.01uF 50V K 22pF 50V J 18pF 50V J 1000pF 50V J 0.01uF 50V K
D1001 D1002 D2103 D7001 D7003 D7005 D7006 D7007 D7008 D7009 D7201 D7203 D7501 D7502 D9201 D9203 D9204	EC30HA03L-X EC30HA03L-X 1SS355-X 1SS355-X RB501V-40-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X	SB DIODE SB DIODE SI DIODE SI DIODE SI DIODE SD DIODE Z DIODE Z DIODE Z DIODE Z DIODE Z DIODE SI DIODE		C1039 C1040 C1041 C1042 C1043 C1045 C1046 C1047 C1048 C1050 C1051 C1061 C1062 C1063 C1064 C1065 C1065	NCB31HK-103X NCB31HK-103X NCB10JK-106X NCB30JK-225X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-105X NCB31HK-105X NCB30JK-105X NCB30JK-105X NCB30JK-105X NCB30JK-105X NCB30JK-105X NCB31HJ-4R0X NBE40JM-476X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB30JK-105X NCB31HK-103X	C CAPACITOR TA E CAPACITOR C CAPACITOR TA E CAPACITOR TA E CAPACITOR	0.01uF 50V K 0.01uF 50V K 10uF 6.3V K 2.2uF 6.3V K 0.01uF 50V K 0.1uF 16V K 0.01uF 50V K 0.01uF 50V K 1uF 6.3V K 0.01uF 50V K 1uF 6.3V K 1uF 6.3V K 1uF 6.3V K 4pF 50V J 47uF 6.3V M 2.2uF 10V K 0.01uF 50V K 1uF 6.3V M 4.2uF 10V K 0.01uF 50V K
C0104 C0105 C0107 C0109 C0111 C0112 C0113 C0114 C0115 C0116 C0117 C0118 C0204 C0205 C0206 C0207 C0209 C0210 C0211 C0212 C0213 C0214 C0215 C0218 C0304 C0307 C0309 C0300 C0301 C0311 C0311 C0312 C0311 C0312 C0314	NDC31HJ-390X NDC31HJ-330X NCB31CK-104X NCB11AK-106X NCB11AK-106X NDC31HJ-820X NDC31HJ-820X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-106X NDC31HJ-560X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NCB31CK-104X NCB11AK-106X NCB11AK-106X NCB11AK-106X NDC31HJ-820X NDC31HJ-820X NDC31HJ-151X NDC31HJ-151X NDC31HJ-151X NDC31HJ-390X NCB31CK-104X NCB31CK-104X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NCB31CK-104X	C CAPACITOR	39pF 50V J 33pF 50V J 0.1uF 16V K 10uF 10V K 10uF 10V K 82pF 50V J 82pF 50V J 10uF 10V K 0.1uF 16V K 0.1uF 16V K 0.1uF 16V K 10uF 10V K 56pF 50V J 150pF 50V J 39pF 50V J 39pF 50V J 39pF 50V J 0.1uF 16V K 10uF 10V K 10uF 10V K 10uF 10V K 0.1uF 16V K 10uF 10V K 10uF 10V K 10uF 10V K 0.1uF 16V K 10uF 10V K 0.1uF 16V K 10uF 10V K 0.1uF 16V K 10uF 10V K	C1067 C1068 C1069 C1071 C1072 C1073 C1074 C1075 C1076 C1077 C1081 C1082 C1083 C1084 C1085 C1086 C1087 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1109 C1111 C1202 C1203 C1204 C1205 C1209 C1302 C1303 C1304 C1305 C1306 C1309	NCB30JK-105X NBE40JM-476X NCB214K-225X NBE20GM-106X NBE20GM-106X NBE20GM-106X NBE40JM-476X NBE40JM-476X NBE40JM-476X NBE40JM-476X NBE31HK-103X NCB31HK-103X NCB31HJ-360X NDC31HJ-560X NDC31HJ-560X NDC31HJ-560X NDC31HJ-560X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NDC31HJ-151X	C CAPACITOR TA E CAPACITOR C CAPACITOR	1uF 6.3V K 47uF 6.3V M 2.2uF 10V K 10uF 4V M 10uF 4V M 47uF 6.3V M 47uF 6.3V M 47uF 6.3V M 47uF 16V M 0.01uF 50V K 0.01uF 50V C 0.01uF 16V C 0.01uF 16V C 0.000 C 0.00

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Loca
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4031	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C4901	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K	C4907	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	C4908	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4909	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4910	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4915	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C4919	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4922	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4923	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3051 C3052	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C4925 C4926	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3056	NCB31AK-334X NCB31AK-334X	C CAPACITOR C CAPACITOR	0.33uF 10V K 0.33uF 10V K	C4931	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4934	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4937	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4939	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4940	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4942	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C6015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3101 C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C6512 C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6520	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C6522	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3128	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7201	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7403	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3532 C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3535	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7510	NEHM1CM-106X	E CAPACITOR	10uF 16V M
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⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Loca
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7512 C7513	NCF31CZ-104X NCF31CZ-104X	C CAPACITOR C CAPACITOR	0.1uF 16V Z 0.1uF 16V Z	R0234 R0237	NRSA63J-472X NRSA63J-271X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 270Ω 1/16W J
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0238	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
C7516 C7517	NDC31HJ-330X NDC31HJ-270X	C CAPACITOR	33pF 50V J 27pF 50V J	R0240 R0241	NRSA63J-182X NRSA63J-472X	MG RESISTOR MG RESISTOR	1.8kΩ 1/16W J
C7517 C7518	NRSA63J-0R0X	C CAPACITOR MG RESISTOR	2/pr 50V J 0Ω 1/16W J	R0241 R0242	NRSA63J-472X NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7522 C7523	NEHM1CM-106X NEHM1CM-476X	E CAPACITOR E CAPACITOR	10uF 16V M 47uF 16V M	R0305 R0306	NRSA63J-101X NRSA63J-331X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 330Ω 1/16W J
C7524	NEHM1CM-476X	E CAPACITOR	47uF 16V M	R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C7526 C7527	NCF31CZ-104X NCF31CZ-104X	C CAPACITOR C CAPACITOR	0.1uF 16V Z 0.1uF 16V Z	R0309 R0310	NRSA63J-151X NRSA63J-101X	MG RESISTOR MG RESISTOR	150Ω 1/16W J 100Ω 1/16W J
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7529 C7530	NCF31CZ-104X NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0314 R0316	NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J
C7530	NEHM1CM-476X	C CAPACITOR E CAPACITOR	0.1uF 16V Z 47uF 16V M	R0310	NRSA63J-101X NRSA63J-271X	MG RESISTOR	100Ω 1/16W J 270Ω 1/16W J
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7533 C7534	NCF31CZ-104X NCB11AK-106X	C CAPACITOR C CAPACITOR	0.1uF 16V Z 10uF 10V K	R0322 R0325	NRSA63J-102X NRSA63J-222X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 2.2kΩ 1/16W J
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7536 C7541	NDC31HJ-470X	C CAPACITOR	47pF 50V J 0.01uF 50V K	R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C7541 C7542	NCB31HK-103X NEHL0GM-227X	C CAPACITOR E CAPACITOR	220uF 4V M	R0328 R0329	NRSA63J-102X NRSA63J-103X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7544 C7545	NEHL0JM-107X NCB30JK-225X	E CAPACITOR C CAPACITOR	100uF 6.3V M 2.2uF 6.3V K	R0332 R0333	NRSA63J-472X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 0Ω 1/16W J
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C7548 C7550	NEHL0GM-227X NCB31HK-103X	E CAPACITOR C CAPACITOR	220uF 4V M 0.01uF 50V K	R0338 R0340	NRSA63J-330X NRSA63J-182X	MG RESISTOR MG RESISTOR	33Ω 1/16W J 1.8kΩ 1/16W J
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7557	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7616 C9001	NCB11CK-105X NEHM1CM-476X	C CAPACITOR E CAPACITOR	1uF 16V K 47uF 16V M	R0343 R0344	NRSA63J-103X NRSA63J-472X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 4.7kΩ 1/16W J
C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9003 C9202	NEHM1CM-476X NCJ41HK-335X-U	E CAPACITOR C CAPACITOR	47uF 16V M	R0501 R0502	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
C9202	NCB31EK-393X	C CAPACITOR	0.039uF 25V K	R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9205 C9207	NCJ41CK-226X-U NCB31HK-222X	C CAPACITOR C CAPACITOR	22mF 16V K 2200pF 50V K	R0507 R0508	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M	R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9211 C9212	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R0517 R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0516 R0519	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0106 R0107	NRSA63J-331X NRSA63J-331X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 330Ω 1/16W J	R0522 R0523	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0114 R0116	NRSA63J-472X NRSA63J-101X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 100Ω 1/16W J	R0527 R1001	NRSA63J-0R0X NRSA63J-274X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 270kΩ 1/16W J
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R0121 R0122	NRSA63J-101X NRSA63J-102X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 1kΩ 1/16W J	R1004 R1005	NRSA63J-221X NRSA63J-103X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 10kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0127 R0128	NRSA63J-0R0X NRSA63J-102X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1kΩ 1/16W J	R1010 R1011	NRSA63J-183X NQL093K-R10X	MG RESISTOR COIL	18kΩ 1/16W J 0.1uH K
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R0131 R0132	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	R1013 R1014	NRSA63J-122X NRSA63J-101X	MG RESISTOR MG RESISTOR	1.2kΩ 1/16W J 100Ω 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0137 R0138	NRSA63J-151X NRSA63J-330X	MG RESISTOR MG RESISTOR	150Ω 1/16W J 33Ω 1/16W J	R1019 R1021	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0141 R0205	NRSA63J-472X NRSA63J-101X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 100Ω 1/16W J	R1025 R1026	NRSA63J-101X NRSA63J-103X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J
R0205	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R1020	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R1028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0208 R0209	NRSA63J-681X NRSA63J-151X	MG RESISTOR MG RESISTOR	680Ω 1/16W J 150Ω 1/16W J	R1029 R1030	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0211	NRSA63J-472X NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1102	NRSA63J-101X NRSA63J-332X	MG RESISTOR	100Ω 1/16W J
R0214 R0216	NRSA63J-472X NRSA63J-101X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 100Ω 1/16W J	R1104 R1105	NRSA63J-332X NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0221 R0222	NRSA63J-101X NRSA63J-102X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 1kΩ 1/16W J	R1107 R1108	NRSA63J-331X NRSA63J-681X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 680Ω 1/16W J
R0222	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0227 R0228	NRSA63J-181X NRSA63J-102X	MG RESISTOR MG RESISTOR	180Ω 1/16W J 1kΩ 1/16W J	R1115 R1201	NRSA63J-0R0X NRSA63J-182X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1.8kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0231 R0232	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	R1204 R1205	NRSA63J-332X NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J
110202	111 (U/ (UUU-7/ Z/)	WIG INLUIGION	T.1 N24 1/ 10 VV U	111200	11110/1000-001/	WIS ALGIOTOR	00022 1/ 10 VV J

R1206         NRSA63J-471X         MG RESISTOR         470Ω 1/16W J         R3118         NRSA63J-0R0X         MG RESISTOR           R1207         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J         R3120         NRSA63J-220X         MG RESISTOR           R1213         NRSA63J-330X         MG RESISTOR         33Ω 1/16W J         R3122         NRSA63J-220X         MG RESISTOI           R1301         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J         R3126         NRSA63J-20R0X         MG RESISTOI           R1303         NRSA63J-332X         MG RESISTOR         100Ω 1/16W J         R3152         NRSA63J-0R0X         MG RESISTOI           R1304         NRSA63J-332X         MG RESISTOR         3.3kΩ 1/16W J         R3153         NRSA63J-0R0X         MG RESISTOI           R1305         NRSA63J-361X         MG RESISTOR         560Ω 1/16W J         R3155         NRSA63J-0R0X         MG RESISTOI           R1306         NRSA63J-471X         MG RESISTOR         470Ω 1/16W J         R3160         NRSA63J-0R0X         MG RESISTOI           R1307         NRSA63J-561X         MG RESISTOR         560Ω 1/16W J         R3161         NRSA63J-0R0X         MG RESISTOI           R1313         NRSA63J-330X         MG RESISTOR         33Ω 1/16W J	Description Loca
R1213         NRSA63J-330X         MG RESISTOR $33\Omega$ 1/16W J         R3122         NRSA63J-220X         MG RESISTOR           R1301         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J         R3126         NRSA63J-0R0X         MG RESISTOI           R1303         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R3152         NRSA63J-0R0X         MG RESISTOI           R1304         NRSA63J-332X         MG RESISTOR         3.3kΩ 1/16W J         R3153         NRSA63J-0R0X         MG RESISTOI           R1305         NRSA63J-561X         MG RESISTOR         560Ω 1/16W J         R3155         NRSA63J-0R0X         MG RESISTOI           R1306         NRSA63J-471X         MG RESISTOR         470Ω 1/16W J         R3160         NRSA63J-0R0X         MG RESISTOI           R1307         NRSA63J-561X         MG RESISTOR         560Ω 1/16W J         R3161         NRSA63J-0R0X         MG RESISTOI           R1313         NRSA63J-330X         MG RESISTOR         33Ω 1/16W J         R3165         NRSA63J-0R0X         MG RESISTOI           R1401         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J         R3166         NRSA63J-0R0X         MG RESISTOI           R1403         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J	
R1301         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J         R3126         NRSA63J-0R0X         MG RESISTOI           R1303         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R3152         NRSA63J-0R0X         MG RESISTOI           R1304         NRSA63J-332X         MG RESISTOR         3.3kΩ 1/16W J         R3153         NRSA63J-0R0X         MG RESISTOI           R1305         NRSA63J-561X         MG RESISTOR         560Ω 1/16W J         R3155         NRSA63J-0R0X         MG RESISTOI           R1306         NRSA63J-471X         MG RESISTOR         470Ω 1/16W J         R3160         NRSA63J-0R0X         MG RESISTOI           R1307         NRSA63J-561X         MG RESISTOR         560Ω 1/16W J         R3161         NRSA63J-0R0X         MG RESISTOI           R1313         NRSA63J-330X         MG RESISTOR         33Ω 1/16W J         R3165         NRSA63J-0R0X         MG RESISTOI           R1401         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J         R3166         NRSA63J-0R0X         MG RESISTOI           R1403         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J         R3167         NRSA63J-0R0X         MG RESISTOI	
R1304       NRSA63J-332X       MG RESISTOR       3.3kΩ 1/16W J       R3153       NRSA63J-0R0X       MG RESISTOI         R1305       NRSA63J-561X       MG RESISTOR       560Ω 1/16W J       R3155       NRSA63J-0R0X       MG RESISTOI         R1306       NRSA63J-471X       MG RESISTOR       470Ω 1/16W J       R3160       NRSA63J-0R0X       MG RESISTOI         R1307       NRSA63J-561X       MG RESISTOR       560Ω 1/16W J       R3161       NRSA63J-0R0X       MG RESISTOI         R1313       NRSA63J-330X       MG RESISTOR       33Ω 1/16W J       R3165       NRSA63J-0R0X       MG RESISTOI         R1401       NRSA63J-182X       MG RESISTOR       1.8kΩ 1/16W J       R3166       NRSA63J-0R0X       MG RESISTOI         R1403       NRSA63J-101X       MG RESISTOR       100Ω 1/16W J       R3167       NRSA63J-0R0X       MG RESISTOI	R 0Ω 1/16W J
R1305 NRSA63J-561X MG RESISTOR 560Ω 1/16W J R3155 NRSA63J-0R0X MG RESISTOI R1306 NRSA63J-471X MG RESISTOR 470Ω 1/16W J R3160 NRSA63J-0R0X MG RESISTOI R1307 NRSA63J-561X MG RESISTOR 560Ω 1/16W J R3161 NRSA63J-0R0X MG RESISTOI R1313 NRSA63J-330X MG RESISTOR 33Ω 1/16W J R3165 NRSA63J-0R0X MG RESISTOI R1401 NRSA63J-182X MG RESISTOR 1.8kΩ 1/16W J R3166 NRSA63J-0R0X MG RESISTOI R1403 NRSA63J-101X MG RESISTOR 100Ω 1/16W J R3167 NRSA63J-0R0X MG RESISTOI R1403 NRSA63J-101X MG RESISTOR	R 0Ω 1/16W J R 0Ω 1/16W J
R1307 NRSA63J-561X MG RESISTOR 560Ω 1/16W J R3161 NRSA63J-0R0X MG RESISTOI R1313 NRSA63J-330X MG RESISTOR 33Ω 1/16W J R3165 NRSA63J-0R0X MG RESISTOI R1401 NRSA63J-182X MG RESISTOR 1.8kΩ 1/16W J R3166 NRSA63J-0R0X MG RESISTOI R1403 NRSA63J-101X MG RESISTOR 100Ω 1/16W J R3167 NRSA63J-0R0X MG RESISTOI R1403 NRSA63J-0R0X MG R1403 NRSA63J-0R0X MG RESISTOI R1403 NRSA63J-0R0X MG R	R 0Ω 1/16W J
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R1403 NRSA63J-101X MG RESISTOR 1000 1/16W J R3167 NRSA63J-0R0X MG RESISTOR	R 0Ω 1/16W J
RIADA DIRBADALIAZA MIGRESISTOR TAKO 1/16W T RA169 DRSADZEDROX MIGRESISTOR	
R1405 NRSA63J-561X MG RESISTOR 560Ω 1/16W J R3170 NRS144J-0R0X MG RESISTOI	R 0Ω 1/4W J
R1406 NRSA63J-471X MG RESISTOR 470Ω 1/16W J R3171 NRSA63J-0R0X MG RESISTOI	
R1407 NRSA63J-561X MG RESISTOR 560Ω 1/16W J R3181 NRS144J-0R0X MG RESISTOI R1413 NRSA63J-330X MG RESISTOR 33Ω 1/16W J R3207 NRS144J-0R0X MG RESISTOI	R 0Ω 1/4W J R 0Ω 1/4W J
R1523 NCB31CK-104X C CAPACITOR 0.1uF 16V K R3502 NRSA63J-510X MG RESISTOI	R 51Ω 1/16W J
R1524 NRSA63J-474X MG RESISTOR 470k $\Omega$ 1/16W J R3503 NRSA63J-510X MG RESISTOI R1525 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R3505 NRSA63J-510X MG RESISTOI	
R1584 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R3507 NRSA63J-510X MG RESISTOF	R 51Ω 1/16W J
R2152 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R3509 NRSA63J-510X MG RESISTOI R3001 NRSA63J-103X MG RESISTOR 10k $\Omega$ 1/16W J R3511 NRSA63J-510X MG RESISTOI	
R3001 NRSA63J-103X MG RESISTOR 10k $\Omega$ 1/16W J R3511 NRSA63J-510X MG RESISTOR R3004 NRSA63J-103X MG RESISTOR 10k $\Omega$ 1/16W J R3514 NRSA63J-510X MG RESISTOR	
R3006 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R3516 NRSA63J-510X MG RESISTOI	R 51Ω 1/16W J
R3007 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R3518 NRSA63J-510X MG RESISTOR 83008 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R3520 NRSA63J-510X MG RESISTOI	R 51Ω 1/16W J R 51Ω 1/16W J
R3009 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R3522 NRSA63J-510X MG RESISTOR	R 51Ω 1/16W J
R3012 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R3524 NRSA63J-510X MG RESISTOR	
R3013 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R3525 NRSA63J-510X MG RESISTOI R3014 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R3527 NRSA63J-510X MG RESISTOI	
R3015 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R3529 NRSA63J-510X MG RESISTOR	R 51Ω 1/16W J
R3018 NRSA02J-3R3X MG RESISTOR 3.3 $\Omega$ 1/10W J R3531 NRSA63J-510X MG RESISTOI R3019 NRSA02J-3R3X MG RESISTOR 3.3 $\Omega$ 1/10W J R3533 NRSA63J-510X MG RESISTOI	R 51Ω 1/16W J R 51Ω 1/16W J
R3020 NRSA02J-3R3X MG RESISTOR 3.3Ω 1/10W J R3536 NRSA63J-510X MG RESISTOI	R 51Ω 1/16W J
R3021 NRSA63D-102X MG RESISTOR 1kΩ 1/16W D R3538 NRSA63J-510X MG RESISTOI	
R3022 NRSA63D-332X MG RESISTOR 3.3kΩ 1/16W D R3540 NRSA63J-510X MG RESISTOI R3023 NRSA63D-332X MG RESISTOR 3.3kΩ 1/16W D R3542 NRSA63J-510X MG RESISTOI	R 51Ω 1/16W J R 51Ω 1/16W J
R3024 NRSA63J-102X MG RESISTOR 1kΩ 1/16W J R3544 NRSA63J-510X MG RESISTOI	R 51Ω 1/16W J
R3028 NRSA63J-102X MG RESISTOR $1$ kΩ $1$ /16W J R4004 NRSA63J-103X MG RESISTOR R3029 NRSA63D-392X MG RESISTOR $3.9$ kΩ $1$ /16W D R4005 NRSA63J-103X MG RESISTOR	
R3030 NRSA63D-102X MG RESISTOR 1kΩ 1/16W D R4006 NRSA63J-0R0X MG RESISTOI	R 0Ω 1/16W J
R3031 NRSA63D-151X MG RESISTOR 150 $\Omega$ 1/16W D R4007 NRSA63J-0R0X MG RESISTOI R3032 NRSA63J-5R6X MG RESISTOR 5.6 $\Omega$ 1/16W J R4008 NRSA63J-101X MG RESISTOI	
R3033 NRSA63J-5R6X MG RESISTOR 5.6Ω 1/16W J R4015 NRSA63J-0R0X MG RESISTOI	R 0Ω 1/16W J
R3034 NRSA63J-5R6X MG RESISTOR 5.6Ω 1/16W J R4016 NRSA63J-103X MG RESISTOI	
R3036 NRSA63J-102X MG RESISTOR $1k\Omega$ $1/16W$ J R4018 NRSA63J-0R0X MG RESISTOR $22\Omega$ $1/16W$ J R4019 NRSA63J-0R0X MG RESISTOR	
R3038 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J R4023 NRSA63J-101X MG RESISTOI	R 100Ω 1/16W J
R3040 NRSA63J-201X MG RESISTOR 200 $\Omega$ 1/16W J R4024 NRSA63J-101X MG RESISTOI R3041 NRSA63J-102X MG RESISTOR 1k $\Omega$ 1/16W J R4027 NRSA63J-103X MG RESISTOI	
R3042 NRSA63J-201X MG RESISTOR 200Ω 1/16W J R4035 NRSA63J-103X MG RESISTOI	R 10kΩ 1/16W J
R3043 NRSA63J-562X MG RESISTOR 5.6kΩ 1/16W J R4037 NRSA63J-103X MG RESISTOI R3044 NRSA63J-821X MG RESISTOR 820Ω 1/16W J R4039 NRSA63J-103X MG RESISTOI	
R3045 NRSA63J-220X MG RESISTOR 22Ω 1/16W J R4041 NRSA63J-103X MG RESISTOI	
R3047 NRSA63J-562X MG RESISTOR 5.6kΩ 1/16W J R4042 NRSA63J-0R0X MG RESISTOR	R 0Ω 1/16W J
R3048 NRSA63J-821X MG RESISTOR 820Ω 1/16W J R4044 NRSA63J-0R0X MG RESISTOI R3053 NRSA63J-272X MG RESISTOR 2.7kΩ 1/16W J R4046 NRSA63J-103X MG RESISTOI	
R3054 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R4056 NRSA63J-102X MG RESISTOI	R 1kΩ 1/16W J
R3056 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R4057 NRSA63J-221X MG RESISTOI R3063 NRSA63J-101X MG RESISTOR $100\Omega$ 1/16W J R4058 NRSA63J-221X MG RESISTOI	
R3064 NRSA63J-101X MG RESISTOR $100\Omega$ 1/16W J R4059 NRSA63J-0R0X MG RESISTOF	R 0Ω 1/16W J
R3065 NRSA63J-101X MG RESISTOR 100 $\Omega$ 1/16W J R4060 NRSA63J-470X MG RESISTOI R3066 NRSA63J-101X MG RESISTOR 100 $\Omega$ 1/16W J R4061 NRSA63J-0R0X MG RESISTOI	
R3069 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R4064 NRSA63J-0R0X MG RESISTOR	R 0Ω 1/16W J
R3070 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R4065 NRSA63J-0R0X MG RESISTOI	
R3071 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R4101 NRSA63J-0R0X MG RESISTOI R3072 NRSA63J-0R0X MG RESISTOR $0\Omega$ 1/16W J R4102 NRSA63J-0R0X MG RESISTOI	
R3089 NRSA63J-220X MG RESISTOR 22Ω 1/16W J R4103 NRSA63J-0R0X MG RESISTOI	R 0Ω 1/16W J
R3090 NRSA63J-220X MG RESISTOR 22 $\Omega$ 1/16W J R4104 NRSA63J-0R0X MG RESISTOI R3091 NRSA63J-220X MG RESISTOR 22 $\Omega$ 1/16W J R4105 NRSA63J-101X MG RESISTOI	
R3092 NRSA63J-220X MG RESISTOR 22Ω 1/16W J R4106 NRSA63J-101X MG RESISTOI	R 100Ω 1/16W J
R3093 NRSA63J-220X MG RESISTOR 22Ω 1/16W J R4152 NRSA63J-0R0X MG RESISTOR	
R3094 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6025 NRSA63J-101X MG RESISTOI R3095 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6028 NRSA63J-101X MG RESISTOI	R 100Ω 1/16W J R 100Ω 1/16W J
R3096 NRSA63J-510X MG RESISTOR 51Ω 1/16W J R6031 NRSA63J-101X MG RESISTOI	R 100Ω 1/16W J
R3097 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6034 NRSA63J-102X MG RESISTOI R3098 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6036 NRSA63J-101X MG RESISTOI	
R3099 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6038 NRSA63J-102X MG RESISTOI	R 1kΩ 1/16W J
R3100 NRSA63J-510X MG RESISTOR 51Ω 1/16W J R6039 NRSA63J-102X MG RESISTOR	
R3101 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6040 NRSA63J-0R0X MG RESISTOI R3102 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6043 NRSA63J-0R0X MG RESISTOI	
R3103 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6048 NRSA63J-103X MG RESISTOI	R 10kΩ 1/16W J
R3104 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6057 NRSA63J-0R0X MG RESISTOI R3105 NRSA63J-510X MG RESISTOR 51 $\Omega$ 1/16W J R6058 NRSA63J-0R0X MG RESISTOI	
R3106 NRS144J-0R0X MG RESISTOR 0Ω 1/4W J R6059 NRSA63J-0R0X MG RESISTOI	R 0Ω 1/16W J
R3112 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R6507 NRSA63J-0R0X MG RESISTOI R3114 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R6510 NRSA63J-102X MG RESISTOI	
R3116 NRSA63J-0R0X MG RESISTOR 0 $\Omega$ 1/16W J R6512 NRSA63J-102X MG RESISTOR	

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7144	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
R6529	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R7145	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
R6531	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7146	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
R6532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6534	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6540	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7158	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6547	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6548	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7202	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6550	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7203	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R6558	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7204	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6563	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7206	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7207	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7208	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7209	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7210	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7212	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7224	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7024 R7029 R7035	NRSA63J-101X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 0Ω 1/16W J	R7511 R7514	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7066 R7067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7569	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J 100Ω 1/16W J
R7068	NRSA63J-151X NRSA63J-101X	MG RESISTOR MG RESISTOR	150Ω 1/16W J 100Ω 1/16W J	R7576 R7588	NRSA63J-101X NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7078	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7725	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J

⚠Ref No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local
R9208 R9209 R9210 RA1001 RA1002	NRSA63J-105X NRSA63J-680X NRSA63J-0R0X NRZ0080-510X NRZ0080-510X	MG RESISTOR MG RESISTOR MG RESISTOR NET RESISTOR NET RESISTOR	1MΩ 1/16W J 68Ω 1/16W J 0Ω 1/16W J 51Ω 1/16W J 51Ω 1/16W J	L3012 L3013 L3014 L3015 L3501	NRSA02J-0R0X NQL093K-R10X NQL093K-R10X NQL093K-R10X NQR0413-003X	MG RESISTOR COIL COIL COIL FERRITE BEADS	0Ω 1/10W J 0.1uH K 0.1uH K 0.1uH K
RA1003 RA3002 RA3004 RA3013 RA3014	NRZ0040-101X NRZ0034-103W NRZ0034-103W NRZ0034-220W NRZ0034-220W	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	100Ω 1/16W J x4 10kΩ 1/32W J x4 10kΩ 1/32W J x4 22Ω 1/32W J x4	L4001 L4002 L4003 L6501 L6502	NQR0413-003X NRSA02J-0R0X NRSA02J-0R0X NQR0351-001X NRSA02J-0R0X	FERRITE BEADS MG RESISTOR MG RESISTOR FERRITE BEADS	0Ω 1/10W J 0Ω 1/10W J
RA3015 RA3016 RA3018 RA3020	NRZ0034-220W NRZ0034-220W NRZ0034-220W NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	22Ω 1/32W J x4 22Ω 1/32W J x4 22Ω 1/32W J x4 51Ω 1/16W J 51Ω 1/16W J	L6502 L6508 L6509 L6510 L7001	NRZ0034-0R0W NRZ0034-0R0W NRZ0034-0R0W NRSA63J-0R0X	MG RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/16W J
RA3022 RA3023 RA3024 RA3025	NRZ0080-510X NRZ0040-510X NRZ0040-510X NRZ0040-510X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J x4 51Ω 1/16W J x4 51Ω 1/16W J x4	L7002 L7003 L7004 L7005	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J
RA3026 RA3028 RA3030 RA3032 RA3502	NRZ0040-510X NRZ0080-510X NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J 51Ω 1/16W J 51Ω 1/16W J 51Ω 1/16W J	L7006 L7510 L7512 L7513 L9001	NRSA63J-0R0X NQL092K-4R7X NQR0489-002X NQR0489-002X	MG RESISTOR COIL FERRITE BEADS FERRITE BEADS	0Ω 1/16W J 4.7uH K
RA3502 RA3506 RA3508 RA3512 RA3516	NRZ0080-510X NRZ0040-510X NRZ0080-510X NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J 51Ω 1/16W J 51Ω 1/16W J 51Ω 1/16W J x4	L9001 L9002 L9201 CN001	NRSA02J-0R0X NRSA02J-0R0X NQL71EM-150X QGF0508F1-50X	MG RESISTOR MG RESISTOR COIL CONNECTOR	0Ω 1/10W J 0Ω 1/10W J 15uH M FFC/FPC (1-50)
RA3518 RA3521 RA3523 RA3526 RA3530	NRZ0040-510X NRZ0080-510X NRZ0040-510X NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J 51Ω 1/16W J x4 51Ω 1/16W J 51Ω 1/16W J x4	CN002 J001 K1001 K1002 K1003	QGF0508F1-30X NNZ0117-001 NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X	CONNECTOR HDMI CONNECTOR MG RESISTOR MG RESISTOR MG RESISTOR	FFC/FPC (1-30) DIGITAL IN 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J
RA3531 RA3536 RA3540 RA3542 RA3545 RA3547 RA4007 RA4008	NRZ0080-510X NRZ0080-510X NRZ0040-510X NRZ0040-510X NRZ0080-510X NRZ0040-510X NRZ0034-101W NRZ0034-101W	NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J 51Ω 1/16W J x4 51Ω 1/16W J x4 51Ω 1/16W J x4 51Ω 1/16W J x4 100Ω 1/32W J x4 100Ω 1/32W J x4	K1004 K1005 K3003 K3006 K3009 K7002 K7502 K7503	NQR0489-002X NRSA02J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA03J-0R0X NRSA63J-0R0X NQR0389-003X	FERRITE BEADS MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR FERRITE BEADS	0Ω 1/10W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J
RA4009 RA4010 RA4011 RA4012 RA6515 RA7007 RA7501	NRZ0034-101W NRZ0034-101W NRZ0034-101W NRZ0034-101W NRZ0034-001W NRZ0040-0R0W NRZ0040-0R0X NRZ0080-510X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	100Ω 1/32W J x4 100Ω 1/32W J x4 100Ω 1/32W J x4 100Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/16W J x4 51Ω 1/16W J	K9001 K9002 LC0102 LC0519 LC0522 LC0524 LC0527	NQR0413-003X NQR0413-003X NQR0413-005X NQR0416-001X NQR0470-007X NQR0483-005X NQR0483-006X	FERRITE BEADS FERRITE BEADS EMI FILTER EMI FILTER EMI FILTER EMI FILTER EMI FILTER	100uF 25V Z 240pF 16V M 2200pF 50V +50%-20% 100uF 25V Z
RA7502 RA7503 RA7504 RA7505	NRZ0080-510X NRZ0040-0R0X NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR	51Ω 1/16W J 0Ω 1/16W J x4 51Ω 1/16W J 51Ω 1/16W J	LC6501 LC7004 LC7501 LC7502	NQR0479-001X NQR0483-003X NQR0483-006X NQR0483-006X	EMI FILTER EMI FILTER EMI FILTER EMI FILTER	
L0101 L0102 L0201 L0202 L0301 L0302 L0401 L1001 L1002	NQL092K-R68X NQL092K-R68X NQL092K-R68X NQL092K-R68X NQL092K-R68X NQL092K-1R0X NRSA02J-0R0X NQR0489-002X NQR0489-002X	P COIL P COIL P COIL P COIL P COIL P COIL MG RESISTOR FERRITE BEADS FERRITE BEADS	0.68uH K 1uH K 0.68uH K 1uH K 0.68uH K 1uH K 0Ω 1/10W J	SL7001 TP9001 TP9002 TP9003 X1001 X3001 X3003 X4001 X7501	NAX0613-001X LC42312-001A LC42312-001A LC42312-001A NAX0642-001X NAX06635-001X NAX0668-001X NAX0669-001X NAX0618-001X	C RESONATOR EARTH TERMINAL EARTH TERMINAL EARTH TERMINAL CRYSTAL CXO CXO C RESONATOR CRYSTAL	
L1003 L1004	NQL092K-1R5X NQR0489-002X	COIL FERRITE BEADS	1.5uH K				
L1005 L1006 L1008 L1010	NQR0489-002X NQR0489-002X NQL79GM-220X NRSA02J-0R0X	FERRITE BEADS FERRITE BEADS COIL MG RESISTOR	22uH M 0Ω 1/10W J	RECEIV	Part No.	RD ASS'Y (SFL)  Part Name	Description Local
L1011 L1101 L1102 L1103 L1104 L1201 L1203 L1301 L1303 L1304 L1401	NQL79GM-470X NQL092K-6R8X NRSA02J-0R0X NQL093K-1R0X NQL093K-8710X NQL092K-6R8X NQL092K-1R0X NQL092K-1R0X NQL092K-1R0X NQL093K-R10X NQL093K-3R3X	COIL P COIL MG RESISTOR P COIL COIL P COIL COIL P COIL COIL COIL COIL COIL COIL COIL COIL	47uH M 6.8uH K 0Ω 1/10W J 1uH K 0.1uH K 6.8uH K 1uH K 3.3uH K 0.1uH K 3.3uH K	IC3204 IC3501 IC3503 IC3504 IC3505 IC3506 IC3507 IC3508 IC3509 IC3510	TPS852-W MSP3415GQGB8V3 HA17558AF-X BA80BC0FP-X NJU26901E2-W MC74VHC1GT125T/ SN74LVC1G125V-X SN74LVC1G125V-X SN74LVC1G125V-X R1141Q251B-X	IC IC IC ( IC IC	
L1403 L1404 L1501 L1533 L1534	NQL092K-1R0X NQL093K-R10X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X	P COIL COIL MG RESISTOR MG RESISTOR MG RESISTOR	10H K 0.1uH K 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J	Q3001 Q3502 Q3503	2SC3928A/QR/-X 2SC3928A/QR/-X UN2213-X	TRANSISTOR TRANSISTOR DIGI TRANSISTOR	
L3005 L3006 L3008 L3009 L3010 L3011	NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J	C3001 C3002 C3003 C3004 C3005	NCB31HK-222X NEHL1HM-106X NCB31CK-104X NEX60JM-227X NCB31HK-333X	C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR	2200pF 50V K 10uF 50V M 0.1uF 16V K 220uF 6.3V M 0.033uF 50V K

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
C3007 C3008 C3009 C3010 C3011 C3012 C3014 C3015 C3213 C3214 C3215 C3501 C3502 C3503 C3504 C3511 C3512 C3518 C3518 C3518 C3519 C3522 C3523 C3524 C3525 C3526 C3527 C3528 C3528 C3529 C3531 C3531 C3531 C3531 C3531 C3531 C3531 C3535 C3531 C3531 C3535 C3531 C3535 C3531 C3531 C3531 C3535 C3531 C3535 C3531 C3535 C3531 C3535 C3531 C3535 C3531 C3535 C3536 C3531 C3535 C3536 C3537 C3544 C3536 C3537 C3544 C3556 C3557 C3556 C3557 C3556 C3557 C3557 C3557 C35555 C3556 C3559 C3550 C35571 C3577	NCF31AZ-105X NCB31HK-103X NEHL11HM-106X NCB31HK-103X NEHL11HM-106X NCB31HK-103X NEHL11HM-106X NCB31HK-103X NCB11AK-106X NCB31HK-103X NCB11AK-106X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31HK-103X NCB31HJ-2R0X NCB31HJ-2R0X NCB31HJ-2R0X NCB31HJ-102X NCB31HJ-102X NCB31HJ-102X NCB31HJ-102X NCB31HJ-102X NCB31HJ-102X NCB31HJ-102X NCB31HJ-102X NCB31HJ-102X NCB31HK-103X NCB31CK-104X NCB31HK-105X NCB31HK-105X NCB31HK-105X NCB31AK-105X NCB31HK-222X NCB31HK-222X NCB31HK-222X NCB31HK-222X NCB31HK-222X NCB31HK-222X NCB31HK-222X NCB31HK-223X NC	C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPA	1uF 10V Z 0.01uF 50V K 10uF 50V M 0.01uF 50V K 10uF 50V M 0.01uF 50V K 10uF 10V K 0.1uF 16V K 0.1uF 16V K 0.1uF 16V K 0.01uF 50V S 0.01uF 50V S 10uF 10V S 10uF 16V S 10uF 10V S 10uF 16V S 10uF 10V S	R3513 R3514 R3515 R3516 R3517 R3518 R3519 R3520 R3521 R3521 R3547 R3551 R3552 R3555 R3556 R3555 R3556 R3557 R3558 R3560 R3561 R3562 R3563 R3564 R3577 R3578 R3578 R3578 R3579 R3580 R3581 R3582 R3581 R3582 R3580 R3581 R3582 R3583 R3584 R3585 L3001 L3002 L3003 L3503 L3503 L3504 L3506 L3507 L3508 L3509  K3501 K3509  K3501 K3509  K3501 K3502 LC35011    ▲TU3001	NRSA63J-0R0X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-103X NRSA63J-101X NRSA63J-101X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-101X NRSA63J-101X NRSA63J-0R0X NRSA63J-333X NRSA63J-333X NRSA63J-332X NRSA63J-332X NRSA63J-332X NRSA63J-332X NRSA63J-332X NRSA63J-332X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-272X NRSA63J-272X NRSA63J-272X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-101X NRSA63J-1001X NRSA02J-0R0X	MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 100Ω 1/16W J 33kΩ 1/16W J 33kΩ 1/16W J 33kΩ 1/16W J 3.3kΩ 1/16W J 3.3kΩ 1/16W J 2.7kΩ 1/16W J 1.7kΩ 1/10W J
C3573 C3574  R3002 R3003 R3006 R3007 R3008 R3009 R3010 R3011 R3014 R3015 R3016 R3031 R3032 R3033 R3036 R3037 R3038 R3039 R3040 R3041 R3041 R3011 R3112 R3120 R3219 R3501 R3508 R3511 R3512	NCB31HK-103X NCB11AK-106X NRSA63J-473X NRSA63J-473X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-0ROX NRSA63J-102X NRSA63J-10ROX	C CAPACITOR C CAPACITOR C CAPACITOR MG RESISTOR	0.01uF 50V K 10uF 10V K 47kΩ 1/16W J 47kΩ 1/16W J 100Ω 1/16W J 100Ω 1/16W J 0Ω 1/16W J 2.2kΩ 1/16W J 1kΩ 1/16W J 1kΩ 1/16W J 0Ω 1/16W J 100kΩ 1/16W J 110kΩ 1/16W J	X3501	QAX0773-001Z	CRYSTAL	18.432000MHz

### PRINTED WIRING BOARD PARTS LIST [LT-32S60BU, LT-32S60SU]

⚠Ref No.

Q0207

Q0208

Q0209

Q0210

Q0301 Q0302

Q0303 Q0304

Q0305

Q0306

Q0307

Q0308

Q0309

Q0310

Q0311

Q1001

Q1003

Q1004 Q1005

Q1006

Q1101

Q1103

Q1201

Q1203

Q1301

Q1303

Q1401

Q1403

Q3001

Q3002

Q3003 Q3004

Q6501

Part No.

2SA1530A/QR/-X

2SC3928A/QR/-X

HN1C01F/Y/-X

HN1C01F/Y/-X

2SC3837K/NP/-X

2SC3928A/QR/-X

2SC3928A/QR/-X

2SC3928A/QR/-X

2SA1530A/QR/-X

2SC3928A/QR/-X

2SC3928A/QR/-X

2SC3928A/QR/-X 2SC3928A/QR/-X

2SC3928A/QR/-X

2SA1530A/QR/-X

2SC3928A/QR/-X

2SA1530A/QR/-X

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2SC3928A/QR/-X

2SA1530A/QR/-X

2SC3928A/QR/-X

2SA1530A/QR/-X

2SC3928A/QR/-X

2SA1530A/QR/-X

2SC3928A/QR/-X

HN1C01F/Y/-X

HN1C01F/Y/-X

UN2213-X

2SK1228-X

2SK1228-X

2SA1022/BC/-X

2SA1022/BC/-X

Part Name

**TRANSISTOR** 

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**TRANSISTOR** TRANSISTOR

MOS FFT

MOS FET

PAIR TRANSISTOR

PAIR TRANSISTOR

DIGI TRANSISTOR

PAIR TRANSISTOR

PAIR TRANSISTOR

Description Local

ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1112A-U2)

REFER TO PARTS LIST IN PAGE 3-7 FOR THIS P.W. BOARD.

### CONNECTOR P.W. BOARD ASS'Y (SFL-4112A-U2)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

#### FRONT CONTROL P.W. BOARD ASS'Y (SFL-7111A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

#### FRONT LED P.W. BOARD ASS'Y (SFL-8133A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

### POWER P.W. BOARD ASS'Y (SFL-9028A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

#### REGULATOR P.W. BOARD ASS'Y (SFL-9128A-U2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

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DIGITA	L SIGNAL P.W.	BOARD ASS'Y (S	FL0D235A-U2)	Q6502 Q7201	2SC3928A/QR/-X 2SA1530A/QR/-X	TRANSISTOR TRANSISTOR	
Ref No.	Part No.	Part Name	Description Local	Q7202 Q7203 Q7204	2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR TRANSISTOR	
IC0401 IC1001 IC1002 IC1003 IC1005 IC1502 IC3001	SN74AHCT1G32V-X TC90A92AFG MM1572FN-X R1141Q151D-X ML87V2105TBZ03A NJM2235V-X JCC5055A	IC IC IC IC IC		Q7205 Q7206 Q7207 Q7208 Q7209 Q7501 Q7508	2SC3928A/QR/-X UN2213-X UN2113-X UN2113-X UN2113-X 2SA1162/YG/-X DTC114EKA-X	TRANSISTOR DIGI TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGI TRANSISTOR	
IC3004 IC3005 IC3006 IC3007 IC3008 IC3403 IC3501 IC3502 IC3503 IC4001	TC7MB3257FK-X SN74LVC1G08V-X SN74LVC2G126T-X SN74LVC3G17U-X R1170H331B-X S-80928CLNB-G-W EDD1232AAFA-7A EDD1232AAFA-7A EDD1232AAFA-7A LP2996MR-X JCC5057	10 10 10 10 10 10 10 10 10 10		D1001 D1002 D2103 D7001 D7003 D7005 D7006 D7007 D7008 D7009	EC30HA03L-X EC30HA03L-X 1SS355-X 1SS355-X RB501V-40-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X	SB DIODE SB DIODE SI DIODE SI DIODE SB DIODE Z DIODE	
IC4003 IC4004 IC6502 IC7001 IC7002 IC7003 IC7401	AT29LE-32S60BU ATF256-32S60BU THC63LVDM83R-W MN102H60KLH ATF512-32S60BU SN74LVC2G241T-X S-80928CLNB-G-W	IC(MICRO C ROM) IC IC IC(MCU) IC(MICRO C ROM) IC	(SERVICE) (SERVICE) (SERVICE)	D7201 D7203 D7501 D7502 D9201 D9203	1SS355-X 1SS355-X 1SS355-X 1SS355-X EC30HA04-X PTZ3.9B-X	SI DIODE SI DIODE SI DIODE SI DIODE SB DIODE Z DIODE	
IC7501 IC7502 IC7503 IC7504 IC7505 IC7506 IC7602 IC9201	SDA6000-B12 S-80828CNNB-G-W K4S641632H-UC75 MBV160-32560BU PQ2L3252MS-X CD74HC4053PW-X ATF32-32S60BU MP1593DN-X		(SERVICE)	D9204 C0104 C0105 C0107 C0109 C0110 C0111 C0112	1SS355-X NDC31HJ-390X NDC31HJ-330X NCB31CK-104X NCB11AK-106X NCB11AK-106X NDC31HJ-820X NDC31HJ-820X	SI DIODE  C CAPACITOR	39pF 50V J 33pF 50V J 0.1uF 16V K 10uF 10V K 10uF 10V K 82pF 50V J 82pF 50V J
Q0101 Q0102 Q0104 Q0105 Q0107 Q0108 Q0109 Q0110 Q0201 Q0202 Q0203 Q0204 Q0205 Q0206	2SC3837K/NP/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SC3928A/QR/-X 2SA1530A/QR/-X 2SC3928A/QR/-X HN1C01F/V/-X HN1C01F/V/-X 2SC3837K/NP/-X 2SC3828A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR		C0113 C0114 C0115 C0116 C0117 C0118 C0204 C0205 C0206 C0207 C0209 C0210 C0211 C0212	NCB11AK-106X NCB31CK-104X NCB31CK-104X NCB31HJ-560X NDC31HJ-560X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NCB31CK-104X NCB11AK-106X NCB11AK-106X NCB11HJ-820X NDC31HJ-820X	C CAPACITOR	10 F 10 V K 0.1 uF 16 V K 0.1 uF 16 V K 10 uF 10 V K 56 pF 50 V J 150 pF 50 V J 39 pF 50 V J 39 pF 50 V J 0.1 uF 16 V K 10 uF 10 V K 82 pF 50 V J 82 pF 50 V J

Ref No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1111	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0218	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J	C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C0310	NCB11AK-106X NDC31HJ-820X	C CAPACITOR	10uF 10V K	C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0312		C CAPACITOR	82pF 50V J	C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0315	NCB31CK-104X NDC31HJ-560X	C CAPACITOR C CAPACITOR	0.1uF 16V K	C1311 C1402	NDC31HJ-470X NDC31HJ-101X	C CAPACITOR	47pF 50V J 100pF 50V J
C0317 C0318	NDC31HJ-151X	C CAPACITOR	56pF 50V J 150pF 50V J	C1403	NDC31HJ-330X	C CAPACITOR C CAPACITOR	33pF 50V J
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C1012 C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3004 C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1014	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3008	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K
C1028 C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3026 C3028	NCB11AK-106X	C CAPACITOR C CAPACITOR	10uF 10V K 220pF 50V J
C1030	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K	C3030	NDC31HJ-221X NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1042	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1064	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1071 C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M 10uF 4V M	C3101 C3105	NCB30JK-225X	C CAPACITOR C CAPACITOR	2.2uF 6.3V K 2.2uF 6.3V K
C1073	NBE20GM-106X NBE40JM-476X	TA E CAPACITOR TA E CAPACITOR	47uF 6.3V M	C3107	NCB30JK-225X NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1077	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C1081	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3128	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C1082	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C1083	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1084	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1085	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1086	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1087	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
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CSSS   MCENTCLAPIX   CAMPOTTOR   0.4FF FWZ   C723   MCENTCLAW   CAMPOTTOR   0.1F FWZ   C351   MCENTCLAPIX   CAMPOTTOR   0.1F FWZ   C723   MCENTCLAW   C723   MCENTCLAW   CAMPOTTOR   0.1F FWZ   C723   MCENTCLAW   CAMPOTTOR   0.1F FWZ   C723   MCENTCLAW   C	⚠Ref No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
CAPACITOR   O. I.S. FON K								
CAMPACTORS   C. CAMPACTORS   D. Lafe File X   C. CAMPACTORS   D.								
CASS   MORBING FIDAX   C.CARACITOR		NCB31CK-104X		0.1uF 16V K		NDC31HJ-101X		100pF 50V J
CASSE MAGRICA-PARK C CARACTORS 2.24-68 N. C. 2559 MC-9102-1404 C CARACTORS 0 1.4-6 N. Z. 24-6 N. C. 2558 MC-9102-1404 C CARACTORS 0 1.4-6 N. Z. 24-6 N. C. 2558 MC-9102-1404 C CARACTORS 0 1.4-6 N. Z.	C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
COSSIS MOSBUAZ 2978.	C3531 C3532	NCB31CK-104X NCB30.IK-225X			C7502 C7503	NCF31CZ-104X NCF31CZ-104X		
CASSO NORSHICK-194K C CAPACTOR	C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
CSSS (C. ADSCRIPTOR)  OLIF BY Z	C3535 C3539	NCF31C7-474X						
CAPACTOR   0.16   90   K	C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
CASSA NOSSICK-194X C CAPACTOR	C3543							
CSSS. M. GSSICK-194X C. CAPACITOR 0.1 LP 16V K C. 7512 NCF91C-104X C. CAPACITOR 0.1 LP 16V Z C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 16V X C. 6402 NCF91C-104X C. CAPACITOR 0.1 LP 10V X C. 6402 NCF91C-104X C. 6404 NCF91C-10	C3548	NCB31CK-104X			C7510	NEHM1CM-106X	E CAPACITOR	10uF 16V M
CASSO. MCB31CK-194K. C CAPACITOR 0.1 H-19V K. C.7715 NC531CC-194X. C CAPACITOR 320 SW J. J. C. CAPACITOR 0.1 H-19V K. C. C	C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
CADIO M. CRISTICK-194X C. CAPACITOR D. 116-190 K C. C7519 NDCS-114-330X C. CAPACITOR 3.97-69V J. CADIO M. CRISTICK-1740 C. CAPACITOR 1.016-190 K C. C7520 NDCS-114-330X C. CAPACITOR 2.276-59V J. CADIO M. CRISTICK-1740 C. CAPACITOR 1.016-190 K C. C	C3551 C3552					NCF31CZ-104X NCF31CZ-104X		
CA006 NOSSTAM-109X C CAPACITOR 10F 10V K C758 NESABL-0RX C CAPACITOR 0.10F 10V K C752 NESTAM-109X C CAPACITOR 1.0F 10V K C752 NESTAM-109X C CAPACITOR 1.0F 10V K C752 NESTAM-109X C CAPACITOR 1.0F 10V K C752 NESTAM-109X C CAPACITOR 4.7F 16V M C752 NESTAM-109X C CAPACITOR 0.10F 16V Z CAPACITOR 1.0F 16V M C752 NESTAM-109X C CAPACITOR 0.10F 16V Z CAPACITOR 1.0F	C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J
CA006 NCB174C-194X C CAPACITOR 10-190 X C CAPACITOR	C4005				C7517 C7518	NDC31HJ-270X NRSA63J-0R0X		
CA009 NDS31A4-109X CAPACITOR 1	C4006	NCB31AK-105X			C7520	NCF31CZ-104X	C CAPACITOR	
CAPIT NCF-11CZ-475X C CAPACITOR 4-76-16V K C7528 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4012 NCS331A-165X C CAPACITOR 1.4F-10V K C7528 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4012 NCS331A-165X C CAPACITOR 1.4F-10V K C7528 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4012 NCS31A-165X C CAPACITOR 1.4F-10V K C7528 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4022 NCS31AC-164X C CAPACITOR 0.14F-16V K C7528 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4022 NCS31AC-164X C CAPACITOR 0.14F-16V K C7529 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4023 NCS31AC-164X C CAPACITOR 0.14F-16V K C7530 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4023 NCS31CK-104X C CAPACITOR 0.14F-16V K C7530 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4023 NCS31CK-104X C CAPACITOR 1.4F-16V K C7531 NCF-31CZ-104X C CAPACITOR 1.4F-16V K C7531 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4023 NCS31H-163X C CAPACITOR 1.0F-16V K C7531 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4023 NCS31H-163X C CAPACITOR 1.0F-16V K C7531 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4021 NCS31H-163X C CAPACITOR 1.0F-16V K C7531 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4021 NCS31H-163X C CAPACITOR 0.01F-16V K C7531 NCF-31CZ-104X C CAPACITOR 0.14F-16V Z C4022 NCS31H-163X C CAPACITOR 0.01F-16V K C7531 NCS31H-163X C CAPACITOR 0.01F-16V K C7541 NCS31H-163X C CAPACITOR 0.01F-16V K C7	C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C7523	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4013 NC831A4-105K C CAPACITOR 10F10V K C7528 NCF31CZ-104X C CAPACITOR 0.10F16V Z C4016 NC831A4-105K C CAPACITOR 10F10V K C7527 NCF31CZ-104X C CAPACITOR 0.10F16V Z C4016 NC831A4-105K C CAPACITOR 10F10V K C7528 NCF31CZ-104X C CAPACITOR 0.10F16V Z C4022 NC831A4-105K C CAPACITOR 0.10F16V Z C4023 NC831A4-105K C CAPACITOR 0.10F16V Z C4024 NC831A4-105K C CAPACITOR 0.10F16V Z C4024 NC831A4-105K C CAPACITOR 0.10F16V Z C4024 NC831A4-105K C CAPACITOR 0.10F16V Z NC824 NC824 NC824 NC831A4-105K C CAPACITOR 0.10F16V Z NC824						NEHM1CM-476X NCF31C7-104X		
C4029 NC5311A-105X C CAPACITOR 10-10V K C7529 NCF31CZ-104X C CAPACITOR 0-10-16V Z C4020 NC5313A-105X C CAPACITOR 10-10V K C C729 NCF31CZ-104X C CAPACITOR 0-10-16V Z C4020 NC5313A-10X C CAPACITOR 0-10-16V K C C729 NCF31CZ-104X C CAPACITOR 0-10-16V X C C329 NC5313CZ-104X C CAPACITOR 0-10-16V X C C329 NC5313A-170X C C4PACITOR 0-10-16V X C C4PACITOR	C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4020 NCB314K-165X C CAPACITOR 0.1u1-16V K C7529 NC531C2-104X C CAPACITOR 0.1u1-16V Z C402X NCB31CK-104X C CAPACITOR 0.1u1-16V K C7530 NC531CZ-104X C CAPACITOR 0.1u1-16V Z C402X NCB31CK-104X C CAPACITOR 0.1u1-16V X C7530 NC531CZ-104X C CAPACITOR 0.1u1-16V Z C402X NCB31CK-104X C CAPACITOR 0.1u1-16V Z C402X NCB31K-103X C	C4013 C4016				C7527 C7528			
C4029 NDSS1H4-170X C CAPACITOR 47P-58V J C7531 NEHMICM-176X E CAPACITOR 47P-16V M C4029 NDC-S1H4-170X C CAPACITOR 47P-58V J C7532 NCF31C2-104X C CAPACITOR 0.1uF-16V Z C4020 NDC-S1H4-170X C CAPACITOR 10uF-16V Z C4020 NDC-S1H4-170X C CAPACITOR 0.1uF-16V Z C4020 NDC-S1H4-170X C CAPACITOR 0.01uF-50V K C7534 NDC-S1H4-170X C CAPACITOR 0.01uF-50V K C7543 NDC-S1H4-170X C CAPACITOR 0.01uF-50V K C7544 NDC-S1H4-170X C CAPACITOR 0.01uF-50V K C7544 NDC-S1H4-170X C CAPACITOR 0.01uF-50V K C7545 NDC-S1H4-170X C CAPACITOR 220uF-4V M C4990 NDC-S1H4-1703X C CAPACITOR 0.01uF-50V K C7543 NDC-S1H4-1703X C CAPACITOR 0.01uF-50V K C7545 NDC-S1H4-1703X C CAPACITOR 0.01uF-50V K C7550 NDC-S1H4-1703X	C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4930 NDC31H_470X C CAPACITOR 47pF 50V J C7533 NCF31C2-104X C CAPACITOR 10_F 10V K C4901 NCB31H_103X C CAPACITOR 10_F 10V K C7534 NCB31AC-104X C CAPACITOR 10_F 10V K C4901 NCB31H_103X C CAPACITOR 10_F 10V K C7535 NCB31AC-104X C CAPACITOR 10_F 10V K C7541 NCB31H_103X C CAPACITOR 10_F 50V K C7542 NCB31AC-104X C CAPACITOR 22_0F 4V M C4908 NCB31HK-103X C CAPACITOR 0.0_F 50V K C7543 NCB31AC-104X C CAPACITOR 22_0F 4V M C4909 NCB31HK-103X C CAPACITOR 0.0_F 50V K C7544 NCB31AC-104X C CAPACITOR 10_F 50V K C7546 NCB31AC-104X C CAPACITOR 10_F 50V K C7556 NCB31AC-104X C CAPACITOR 1	C4023	NCB31CK-104X				NEHM1CM-476X		
C4901 NCB31HK-103X C CAPACITOR 0.01uF 50V K C7534 NCB31AK-106X C CAPACITOR 0.1uF 50V K C7536 NCB31LK-103X C CAPACITOR 0.01uF 50V K C7541 NCB31LK-103X C CAPACITOR 0.01uF 50V K C7542 NCB31LK-103X C CAPACITOR 0.01uF 50V K C7544 NCB30LK-25X C CAPACITOR 2.2uF 6.3V K C7546 NCB30LK-25X C CAPACITOR 2.2uF 6.3V K C7546 NCB30LK-25X C CAPACITOR 1.00uF 6.3V M C4910 NCB31LK-103X C CAPACITOR 0.01uF 50V K C7546 NCB30LK-25X C CAPACITOR 2.2uF 6.3V K C7546 NCB30LK-25X C CAPACITOR 2.1uF 50V K C7547 NCB30LK-25X C CAPACITOR 2.1uF 50V K C7547 NCB30LK-25X C CAPACITOR 2.1uF 50V K C7547 NCB30LK-25X C CAPACITOR 2.0uF 50V K C7557 NCB31LK-103X C CAPACITOR 0.0uF 50V K C7557 NCB31LK-103X	C4029							
C4990 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7541 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7541 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7542 NEHLOGM-22TX E CAPACITOR 0.01u5 50V K C7541 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7543 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7544 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7544 NCB30LK-103X C CAPACITOR 0.01u5 50V K C7544 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7544 NCB31HK-103X C CAPACITOR 0.01u5 50V K C7544 NCB30LK-103X C CAPACITOR 0.01u5 50V K C7544 NCB30LK-103X C CAPACITOR 0.01u5 50V K C7544 NCB30LK-103X C CAPACITOR 0.01u5 50V K C7545 NCB30LK-103X C CAPACITOR 0.01u5 50V K C7547 NCB30LK-103X C CAPACITOR 0.01u5 50V K C7548 NCB30LK-103X C CAPACITOR 0.01u5 50V K C7550 NCB31HK-103X C C	C4031	NCB11AK-106X	C CAPACITOR		C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4996 NCB31HK-103X C CAPACITOR 0.01UE 50V K C7541 NCB31HK-103X C CAPACITOR 0.01UE 50V K C7543 NCB31HK-103X C CAPACITOR 0.01UE 50V K C7543 NCB30HK-103X C CAPACITOR 0.01UE 50V K C7543 NCB30HK-103X C CAPACITOR 0.01UE 50V K C7543 NCB30HK-20X C CAPACITOR 0.01UE 50V K C7543 NCB30HK-20X C CAPACITOR 0.01UE 50V K C7543 NCB30HK-20X C CAPACITOR 0.01UE 50V K C7546 NCB31HK-103X C CAPACITOR 0.01UE 50V K C7548 NCB31HK-103X C CAPACITOR 0.01UE 50V K C7548 NCB31HK-103X C CAPACITOR 0.01UE 50V K C7548 NCB31HK-103X C CAPACITOR 0.01UE 50V K C7552 NCB31HK-103X C CAPA	C4901 C4902	NCB31HK-103X NCB31HK-103X			C7535 C7536	NCF31CZ-104X NDC31H.I-470X		
C4998 NC831HK-103X C CAPACITOR 0.01F 50V K C7543 NC890K-225X C CAPACITOR 2.0F 6.3V K C4999 NC831HK-103X C CAPACITOR 0.01F 50V K C7545 NC890K-225X C CAPACITOR 2.0F 6.3V K C4910 NC831HK-103X C CAPACITOR 0.01F 50V K C7546 NC890K-225X C CAPACITOR 0.0F 63V K C4913 NC831HK-103X C CAPACITOR 0.01F 50V K C7546 NC890K-225X C CAPACITOR 0.0F 63V K C4913 NC831HK-103X C CAPACITOR 0.01F 50V K C7547 NC890K-225X C CAPACITOR 0.0F 63V K C4914 NC831HK-103X C CAPACITOR 0.01F 50V K C7547 NC890K-225X C CAPACITOR 2.0F 40V K C4915 NC831HK-103X C CAPACITOR 0.01F 50V K C7548 NC831HK-103X C CAPACITOR 0.01F 50V K C7548 NC831HK-103X C CAPACITOR 0.01F 50V K C7549 NC831HK-103X C CAPACITOR 0.01F 50V K C7550 NC831HK-103X C CAPACITOR 0.01	C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4999         NCB31HK-103X         C CAPACITOR         0.01 IE 50 V K         C7544         NEHL0JM-107X         E CAPACITOR         100 II 63 V K         C4913         NCB31HK-103X         C CAPACITOR         0.01 IE 50 V K         C7546         NCP31CZ-104X         C CAPACITOR         0.1 II 16 V S         C4913         NCB31HK-103X         C CAPACITOR         0.01 II 50 V K         C754         NCB30LK-225X         C CAPACITOR         0.1 II 16 V S         C4915         NCB31HK-103X         C CAPACITOR         0.0 III 16 V S         C4915         NCB31HK-103X         C CAPACITOR         0.0 III 16 V S         C4915         NCB31HK-103X         C CAPACITOR         0.0 III 16 V K         C750         NCB31HK-103X         C CAPACITOR         0.0 III 16 V K         C750         NCB31HK-103X         C CAPACITOR         0.0 III 16 V K         C750         NCB31HK-103X         C CAPACITOR         0.0 III 16 V K         C492         NCB31HK-103X         C CAPACITOR         0.0 III 16 V K         C492         NCB31HK-103X         C CAPACITOR         0.0 II 16 V K         C492         NCB31HK-103X         C CAPACITOR         0.0 II 16 V K         C492         NCB31HK-103X         C CAPACITOR         0.0 II 16 V K         C492         NCB31HK-103X         C CAPACITOR         0.0 II 16 V K         C492         NCB31HK-103X         C CAPACITOR         0.0 II 16 V K								
C4913         NCB31HK-103X         C CAPACITOR         0.01 II 50 V K         C7546         NCF31CZ-104X         C CAPACITOR         0.1 II 16V Z           C4914         NCB31HK-103X         C CAPACITOR         0.01 II 50 V K         C7548         NCB31HK-103X         C CAPACITOR         0.01 II 50 V K         C7580         NCB31HK-103X         C CAPACITOR         0.01 II 50 V K         C7580         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7580         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7580         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7551         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7557         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7557         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7557         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7561         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C7616         NCB11K-103X         C CAPACITOR         1.01 II 16 V K         C4922         NCB31HK-103X         C CAPACITOR         0.01 III 50 V K         C2003         NCB41HK-103X         C CAPACITOR         0.01 II 50 V K         C2003         NCB41HK-103X         C CAPACITOR         0.01 III 50 V K         C2003         NCB41HK-103X         C CAP	C4909	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M
C4915         NCB31HK-103X         C CAPACITOR         0.01uf 50V K         C7560         NCB31HK-103X         C CAPACITOR         220uf 4V M           C4917         NCB31HK-103X         C CAPACITOR         0.01uf 50V K         C7550         NCB31HK-103X         C CAPACITOR         0.1uf 16V K         C7550         NCB31HK-103X         C CAPACITOR         1.0uf 16V K         C7575         NCB31KK-104X         C CAPACITOR         0.1uf 16V K         C7575         NCB31KK-104X         C CAPACITOR         0.1uf 16V K         C7616         NCB11KK-103X         C CAPACITOR         0.1uf 16V K         C7616         NCB11KK-103X         C CAPACITOR         0.1uf 16V K         C9001         NEHMICM-476X         C CAPACITOR         47uf 16V M         C4922         NCB31HK-103X         C CAPACITOR         0.1uf 50V K         C9002         NEHMICM-476X         C CAPACITOR         47uf 16V M         C4922         NCB31HK-103X         C CAPACITOR         0.1uf 50V K         C9002         NEHMICM-476X         C CAPACITOR         47uf 16V M         C4922         NCB31HK-103X         C CAPACITOR         0.1uf 50V K         C9003         NEHMICM-476X         C CAPACITOR         47uf 16V M         C4923         NCB31HK-103X         C CAPACITOR         0.1uf 50V K         C9202         NCB31HK-103X         C CAPACITOR         0.1uf 50V K         C9203 <td>C4913</td> <td>NCB31HK-103X</td> <td></td> <td></td> <td>C7546</td> <td>NCF31CZ-104X</td> <td></td> <td></td>	C4913	NCB31HK-103X			C7546	NCF31CZ-104X		
C4916 NGB31HK-103X C CAPACITOR 0.01uF 50V K C7550 NCB31HK-103X C CAPACITOR 1uF 10V K C4919 NCB31HK-103X C CAPACITOR 0.01uF 50V K C7552 NCB31CK-104X C CAPACITOR 0.1uF 10V K C4919 NCB31HK-103X C CAPACITOR 0.01uF 50V K C7557 NCB31CK-104X C CAPACITOR 1uF 16V K C4920 NCB31HK-103X C CAPACITOR 0.01uF 50V K C7616 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9010 NCB31HK-103X C CAPACITOR 1.01uF 16V K C4921 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9010 NCB31HK-103X C CAPACITOR 47uF 16V M C4923 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9020 NCB31HK-103X C CAPACITOR 47uF 16V M C4923 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9020 NCB31HK-103X C CAPACITOR 47uF 16V M C4923 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9020 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9030 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9020 NCB31HK-103X C CAPACITOR 0.01								
C4919 NCB31HK-103X C CAPACITOR 0.01uF 50V K C7557 NCB31CK-104X C CAPACITOR 0.1uF 16V K C4921 NCB31HK-103X C CAPACITOR 0.01uF 50V K C901 NEHMICM-16X E CAPACITOR 47uF 16V M C4921 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9002 NEHMICM-16X E CAPACITOR 47uF 16V M C4923 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9002 NEHMICM-16X E CAPACITOR 47uF 16V M C4923 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9003 NEHMICM-16X E CAPACITOR 47uF 16V M C4923 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9003 NEHMICM-16X E CAPACITOR 47uF 16V M C4923 NCB31HK-103X C CAPACITOR 0.01uF 50V K C9020 NCB31HK-103X C CAPACITOR 0.01uF 5	C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4920         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         C7616         NCB1HK-105X         C CAPACITOR         1.01uF 50V K         C9001         NEHMICM-476X         E CAPACITOR         47uF 16V M           C4922         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         C9002         NEHMICM-476X         E CAPACITOR         47uF 16V M           C4925         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         C9023         NCB41HK-103X         C CAPACITOR         0.01uF 50V K         C9020         NCB41HK-103X         C CAPACITOR         0.01uF 50V K         C9201         NCB41HK-103X         C CAPACITOR         0.0								
C4922   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9002   NEHMICM-476X   E CAPACITOR   47uF 16V M   C4925   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9020   NCB41HK-103X   C CAPACITOR   0.01uF 50V K   C9202   NCB41HK-103X   C CAPACITOR   0.01uF 50V K   C9202   NCB41HK-103X   C CAPACITOR   0.01uF 50V K   C9203   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9204   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9205   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9205   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-222X   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9211   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9212   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63.313X   MG RESISTOR   3001 116W J   C4940   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63.31X   MG RESISTOR   3001 116W J   C4940   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63.31X   MG RESISTOR   3001 116W J   C4941   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63.310X   MG RESISTOR   3001 116W J   C4941   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63.10X   MG RESISTOR   3001 116W J   C4941   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63.10X   MG RESISTOR   3001 116W J   C4942   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63.10X   MG RESISTOR	C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C4923   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9003   NEHMICM-476X   E CAPACITOR   47uF 16V M   C4926   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9203   NCB31EK-393X   C CAPACITOR   0.03uF 50V K   C4926   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9203   NCB31EK-393X   C CAPACITOR   0.03uF 50V K   C4932   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9204   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9205   NCL41CK-226X-U   C CAPACITOR   2.2mF 16V K   C4923   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9205   NCL41CK-226X-U   C CAPACITOR   2.2mF 16V K   C4924   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9209   NELA1AM-157X   E CAPACITOR   1.50uF 10V M   C4935   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9211   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9212   NCB31HK-123X   C CAPACITOR   0.01uF 50V K   C3212   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0105   NRSA63J-101X   MG RESISTOR   1000 1/16W J   C4939   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63J-331X   MG RESISTOR   3300 1/16W J   C4940   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63J-31X   MG RESISTOR   3300 1/16W J   C4940   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63J-31X   MG RESISTOR   3300 1/16W J   C4941   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63J-101X   MG RESISTOR   3000 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63J-101X   MG RESISTOR   1000 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NRSA63J-101X   MG RESISTOR   1000 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.1uF 16V K   R0114   NRSA63J-472X   MG RESISTOR   1000 1/16W J   C6013   NCB31CK-104X   C CAPACITOR   0.1uF 16V K   R0114   NRSA63J-472X   MG RESISTOR   1000 1/16W J   C6013   NCB31CK-104	C4922				C9002			
C4926   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9203   NCB31EK-393X   C CAPACITOR   0.039uF 25V K   C4931   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9204   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9205   NCL41CK-226X-U   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-22X   C CAPACITOR   0.01uF 50V K   C9208   NCL41CK-226X-U   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-22X   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9207   NCB31HK-15X   C CAPACITOR   0.01uF 50V K   C9211   NCB31HK-15X   C CAPACITOR   0.01uF 50V K   C9211   NCB31HK-22X   C CAPACITOR   0.01uF 50V K   C9213   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9211   NCB31HK-22X   C CAPACITOR   0.01uF 50V K   C9213   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9212   NCB31HK-22X   C CAPACITOR   0.01uF 50V K   C4936   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0105   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0105   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0106   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0107   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0109   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0109   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   R0109   NCB30A3-101X   MG RESISTOR   1000 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.1uF 50V K   R0110   NCB30A3-101X   MG RESISTOR   1000 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.1uF 50V K   R0110   NCB30A3-101X   MG RESISTOR   1000 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.1uF 16V K   R0110   NCB30A3-101X   MG RESISTOR   1000 1/16W J   C6513   NCB31CK-104X   C CAPACITOR   0.1uF 16V K   R0110   NCB30A3-101X   MG RESISTOR   1000 1/16W J   C6514   NCB31CK-104X   C CAPACITOR   0.1uF 16V K   R0110   NCB30A3-101X   MG RESISTOR   1000 1/16W J   C6514   NCB31CK-104X	C4923							47uF 16V M
C4932   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9205   NCJ.41CK-226K-U   C CAPACITOR   22mF 16V K   C4933   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9209   NEB31HK-122X   C CAPACITOR   150uF 10V M   C4935   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9211   NCB31HK-153X   C CAPACITOR   0.01uF 50V K   C9211   NCB31HK-153X   C CAPACITOR   0.01suF 50V K   C9212   NCB31HK-103X   C CAPACITOR   0.01uF 50V K   C9212   NCB31HK-123X   C CAPACITOR   0.01suF 50V K   R0105   NRSA63J-311X   MG RESISTOR   100Ω 1/16W J   C4939   NCB31HK-103X   C CAPACITOR   0.01suF 50V K   R0106   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   C4940   NCB31HK-103X   C CAPACITOR   0.01suF 50V K   R0107   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   C4941   NCB31HK-103X   C CAPACITOR   0.01suF 50V K   R0107   NRSA63J-311X   MG RESISTOR   330Ω 1/16W J   C4941   NCB31HK-103X   C CAPACITOR   0.01suF 50V K   R0109   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4941   NCB31HK-103X   C CAPACITOR   0.01suF 50V K   R0110   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.01suF 50V K   R0110   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   0.1suF 50V K   R0110   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31CK-104X   C CAPACITOR   0.1suF 16V K   R0114   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31CK-104X   C CAPACITOR   0.1suF 16V K   R0114   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31CK-104X   C CAPACITOR   0.1suF 16V K   R0114   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31CK-104X   C CAPACITOR   0.1suF 16V K   R0121   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31CK-104X   C CAPACITOR   0.1suF 16V K   R0122   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31CK-104X   C CAPACITOR   0.1suF 16V K   R01	C4926	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C9203	NCB31EK-393X	C CAPACITOR	
C4933   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   C9209   NCB31HK-222X   C CAPACITOR   2200pF 50V K   C4935   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   C9211   NCB31HK-153X   C CAPACITOR   O.015uF 50V K   C4936   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   C9212   NCB31HK-153X   C CAPACITOR   O.015uF 50V K   C4936   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   C9212   NCB31HK-122X   C CAPACITOR   O.01uF 50V K   C4937   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   C4938   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0105   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0106   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   C4940   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0106   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   C4940   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0107   NRSA63J-331X   MG RESISTOR   330Ω 1/16W J   C4940   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0107   NRSA63J-31X   MG RESISTOR   330Ω 1/16W J   C4941   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0107   NRSA63J-31X   MG RESISTOR   300Ω 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0107   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C4942   NCB31HK-103X   C CAPACITOR   O.01uF 50V K   R0110   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C6013   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0110   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C6014   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0116   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C6015   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0116   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C6015   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0119   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C6015   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0112   NRSA63J-101X   MG RESISTOR   100Ω 1/16W J   C6015   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0121   NRSA63J-102X   MG RESISTOR   100Ω 1/16W J   C6015   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0122   NRSA63J-102X   MG RESISTOR   100Ω 1/16W J   C6015   NCB31CK-104X   C CAPACITOR   O.1uF 16V K   R0122   NRSA63J-103X	C4931 C4932				C9204 C9205			
C4935 NCB31HK-103X         C CAPACITOR         0.01uF 50V K         C9212         NCB31HK-153X         C CAPACITOR         0.01uF 50V K           C4937 NCB31HK-103X         C CAPACITOR         0.01uF 50V K         C9212         NCB31HK-222X         C CAPACITOR         2200pF 50V K           C4938 NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0105         NRSA63J-311X         MG RESISTOR         3300 1/16W J           C4939 NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0106         NRSA63J-331X         MG RESISTOR         3300 1/16W J           C4940 NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0107         NRSA63J-331X         MG RESISTOR         3300 1/16W J           C4941 NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0109         NRSA63J-101X         MG RESISTOR         300 1/16W J           C4942 NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0110         NRSA63J-101X         MG RESISTOR         1000 1/16W J           C6013 NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0110         NRSA63J-101X         MG RESISTOR         1000 1/16W J           C6512 NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0116         NRSA63J-101X         MG RESISTOR         1000 1/16W J	C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4937         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0105         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C4938         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0106         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J           C4940         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0107         NRSA63J-31X         MG RESISTOR         330Ω 1/16W J           C4941         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0109         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C4942         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0110         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6013         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0110         NRSA63J-101X         MG RESISTOR         4.7KΩ 1/16W J           C6014         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0116         NRSA63J-101X         MG RESISTOR         270Ω 1/16W J           C6512         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0119         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6512         NCB31CK-104X         C CAPACITOR <td< td=""><td>C4934 C4935</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	C4934 C4935							
C4938         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0105         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C4939         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0106         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J           C4940         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0109         NRSA63J-301X         MG RESISTOR         100Ω 1/16W J           C4942         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0109         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C4942         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0110         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6013         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0114         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C6015         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0119         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6512         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0119         NRSA63J-102X         MG RESISTOR         100Ω 1/16W J           C6513         NCB31CK-104X         C CAPACITOR <t< td=""><td></td><td></td><td></td><td></td><td>C9212</td><td>NCB31HK-222X</td><td>C CAPACITOR</td><td>2200pF 50V K</td></t<>					C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4940         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0107         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J           C4942         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0110         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6013         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0110         NRSA63J-101X         MG RESISTOR         4.7kΩ 1/16W J           C6014         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0114         NRSA63J-101X         MG RESISTOR         4.7kΩ 1/16W J           C6015         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0119         NRSA63J-271X         MG RESISTOR         270Ω 1/16W J           C6512         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0119         NRSA63J-101X         MG RESISTOR         270Ω 1/16W J           C6514         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0121         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6513         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0125         NRSA63J-222X         MG RESISTOR         12kΩ 1/16W J           C6515         NCB31CK-104X         C CAPACITOR	C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K				
C4941         NCB31HK-103X         C CAPACITOR         0.01uF 50V k         R0109         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C4942         NCB31HK-103X         C CAPACITOR         0.01uF 50V k         R0110         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6013         NCB31CK-104X         C CAPACITOR         0.1uF 16V k         R0114         NRSA63J-101X         MG RESISTOR         4.7kΩ 1/16W J           C6015         NCB31CK-104X         C CAPACITOR         0.1uF 16V k         R0116         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6512         NCB31CK-104X         C CAPACITOR         0.1uF 16V k         R0119         NRSA63J-101X         MG RESISTOR         270Ω 1/16W J           C6513         NCB31CK-104X         C CAPACITOR         0.1uF 16V k         R0121         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6514         NCB31CK-104X         C CAPACITOR         0.1uF 16V k         R0122         NRSA63J-101X         MG RESISTOR         1kΩ 1/16W J           C6514         NCB31CK-104X         C CAPACITOR         0.1uF 16V k         R0125         NRSA63J-102X         MG RESISTOR         1kΩ 1/16W J           C6516         NCB31CK-104X         C CAPACITOR         0.1						NRSA63J-331X		
C6013 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0114 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C6015 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0116 NRSA63J-271X MG RESISTOR 100Ω 1/16W J C6015 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0119 NRSA63J-271X MG RESISTOR 270Ω 1/16W J C6512 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0119 NRSA63J-271X MG RESISTOR 100Ω 1/16W J C6513 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0121 NRSA63J-101X MG RESISTOR 1kΩ 1/16W J C6514 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0122 NRSA63J-102X MG RESISTOR 1kΩ 1/16W J C6514 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0125 NRSA63J-102X MG RESISTOR 2.2kΩ 1/16W J C6515 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0126 NRSA63J-103X MG RESISTOR 1kΩ 1/16W J C6516 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0126 NRSA63J-103X MG RESISTOR 0Ω 1/16W J C6520 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0127 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J C6520 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0128 NRSA63J-102X MG RESISTOR 0Ω 1/16W J C6522 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0129 NRSA63J-103X MG RESISTOR 1kΩ 1/16W J C6523 NCB11AK-105X C CAPACITOR 0.1uF 16V K R0129 NRSA63J-103X MG RESISTOR 1kΩ 1/16W J C6523 NCB11AK-105X C CAPACITOR 0.1uF 16V K R0129 NRSA63J-103X MG RESISTOR 1kΩ 1/16W J C6523 NCB11AK-105X C CAPACITOR 0.1uF 16V K R0131 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C7001 NCB31AK-105X C CAPACITOR 1uF 10V K R0131 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C7003 NCF11CZ-475X C CAPACITOR 1uF 10V K R0133 NRSA63J-472X MG RESISTOR 0Ω 1/16W J C7003 NCF110Z-475X C CAPACITOR 15P 50V J R0137 NRSA63J-151X MG RESISTOR 150Ω 1/16W J C7007 NCB31AK-105X C CAPACITOR 15P 50V J R0137 NRSA63J-151X MG RESISTOR 150Ω 1/16W J C7012 NCB31HJ-150X C CAPACITOR 15P 50V J R0137 NRSA63J-151X MG RESISTOR 150Ω 1/16W J C7013 NCB31HJ-150X C CAPACITOR 15P 50V K R0141 NRSA63J-472X MG RESISTOR 150Ω 1/16W J C7012 NCB31HJ-150X C CAPACITOR 15P 50V K R0141 NRSA63J-472X MG RESISTOR 150Ω 1/16W J C7012 NCB31HK-105X C CAPACITOR 15P 50V K R0141 NRSA63J-472X MG RESISTOR 150Ω 1/16W J C7012 NCB31HK-105X C CAPACITOR 10.0uF 50V K R0141 NRSA63J-331X MG RESI	C4941	NCB31HK-103X		0.01uF 50V K	R0109	NRSA63J-101X	MG RESISTOR	
C6015         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0119         NRSA63J-271X         MG RESISTOR         270Ω 1/16W J           C6512         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0121         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6513         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0122         NRSA63J-102X         MG RESISTOR         2.kQ 1/16W J           C6514         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0125         NRSA63J-103X         MG RESISTOR         2.kQ 1/16W J           C6515         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0126         NRSA63J-103X         MG RESISTOR         10kΩ 1/16W J           C6520         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0126         NRSA63J-103X         MG RESISTOR         0Ω 1/16W J           C6522         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0128         NRSA63J-103X         MG RESISTOR         1kΩ 1/16W J           C6522         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0129         NRSA63J-103X         MG RESISTOR         1kΩ 1/16W J           C6523         NCB31AK-106X         C CAPACITOR         0.1uF 16	C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C6512         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0121         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C6513         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0122         NRSA63J-102X         MG RESISTOR         1kΩ 1/16W J           C6514         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0125         NRSA63J-222X         MG RESISTOR         2.2kΩ 1/16W J           C6515         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0126         NRSA63J-103X         MG RESISTOR         10kΩ 1/16W J           C6516         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0127         NRSA63J-0R0X         MG RESISTOR         10kΩ 1/16W J           C6520         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0128         NRSA63J-103X         MG RESISTOR         1kΩ 1/16W J           C6522         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0128         NRSA63J-103X         MG RESISTOR         1kΩ 1/16W J           C6523         NCB11AK-106X         C CAPACITOR         0.1uF 16V K         R0131         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7001         NCB31AK-105X         C CAPACITOR         1uF 1								
C6514         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0125         NRSA63J-222X         MG RESISTOR         2.2kΩ 1/16W J           C6515         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0126         NRSA63J-103X         MG RESISTOR         10kΩ 1/16W J           C6516         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0127         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           C6520         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0128         NRSA63J-102X         MG RESISTOR         1kΩ 1/16W J           C6522         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0129         NRSA63J-103X         MG RESISTOR         1kΩ 1/16W J           C6522         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0131         NRSA63J-103X         MG RESISTOR         10kΩ 1/16W J           C7001         NCB31AK-105X         C CAPACITOR         10uF 10V K         R0131         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7002         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0132         NRSA63J-472X         MG RESISTOR         0.1/16W J           C7003         NCF11CZ-475X         C CAPACITOR         4.7uF 16V Z<	C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6515         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0126         NRSA63J-103X         MG RESISTOR         10kΩ 1/16W J           C6520         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0127         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           C6520         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0128         NRSA63J-102X         MG RESISTOR         1kΩ 1/16W J           C6522         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0129         NRSA63J-103X         MG RESISTOR         1kΩ 1/16W J           C6523         NCB11AK-106X         C CAPACITOR         10uF 10V K         R0131         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7001         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0132         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7002         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0133         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7003         NCF11CZ-475X         C CAPACITOR         4.7uF 16V Z         R0134         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7006         NDC31HJ-5150X         C CAPACITOR         15pF 50V								
C6520         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0128         NRSA63J-102X         MG RESISTOR         1kΩ 1/16W J           C6522         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0129         NRSA63J-103X         MG RESISTOR         10kΩ 1/16W J           C6523         NCB11AK-106X         C CAPACITOR         10uF 10V K         R0131         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7001         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0132         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7002         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0133         NRSA63J-472X         MG RESISTOR         0Ω 1/16W J           C7003         NCF11CZ-475X         C CAPACITOR         4.7uF 16V Z         R0134         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7006         NDC31HJ-150X         C CAPACITOR         4.7uF 16V Z         R0134         NRSA63J-151X         MG RESISTOR         4.7kΩ 1/16W J           C7007         NCB31AK-105X         C CAPACITOR         1bF 50V J         R0137         NRSA63J-330X         MG RESISTOR         150Ω 1/16W J           C7012         NCB31CK-104X         C CAPACITOR         0.1uF 16V	C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6523         NCB11AK-106X         C CAPACITOR         10uF 10V K         R0131         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7001         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0132         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7002         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0133         NRSA63J-0R0X         MG RESISTOR         0Ω 1/16W J           C7003         NCF11CZ-475X         C CAPACITOR         4.7uF 16V Z         R0134         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7006         NDC31HJ-150X         C CAPACITOR         15pF 50V J         R0137         NRSA63J-151X         MG RESISTOR         4.7kΩ 1/16W J           C7007         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0138         NRSA63J-151X         MG RESISTOR         33Ω 1/16W J           C7012         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0140         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J           C7013         NCB31HJ-391X         C CAPACITOR         0.01uF 50V K         R0141         NRSA63J-101X         MG RESISTOR         4.7kΩ 1/16W J           C7018         NCB31HS-105X         C CAPACITOR         390pF 50	C6520	NCB31CK-104X						
C7001 NCB314K-105X C CAPACITOR 1uF 10V K R0132 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C7002 NCB314K-105X C CAPACITOR 1uF 10V K R0133 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J C7003 NCF11CZ-475X C CAPACITOR 4.7uF 16V Z R0134 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C7006 NDC31HJ-150X C CAPACITOR 15pF 50V J R0137 NRSA63J-151X MG RESISTOR 150Ω 1/16W J C7007 NCB314K-105X C CAPACITOR 1uF 10V K R0138 NRSA63J-330X MG RESISTOR 33Ω 1/16W J C7012 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0140 NRSA63J-182X MG RESISTOR 1.8kΩ 1/16W J C7013 NCB31HJ-130X C CAPACITOR 0.01uF 50V K R0141 NRSA63J-182X MG RESISTOR 1.8kΩ 1/16W J C7017 NDC31HJ-391X C CAPACITOR 390pF 50V J R0205 NRSA63J-101X MG RESISTOR 100Ω 1/16W J C7018 NCB31AK-105X C CAPACITOR 1uF 10V K R0206 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0206 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J	C6522							
C7003 NCF11CZ-475X C CAPACITOR 4.7uF 16V Z R0134 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C7006 NDC31HJ-150X C CAPACITOR 15pF 50V J R0137 NRSA63J-151X MG RESISTOR 150Ω 1/16W J C7007 NCB314K-105X C CAPACITOR 1uF 10V K R0138 NRSA63J-330X MG RESISTOR 33Ω 1/16W J C7012 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0140 NRSA63J-182X MG RESISTOR 1.8kΩ 1/16W J C7013 NCB31HK-103X C CAPACITOR 0.01uF 50V K R0141 NRSA63J-472X MG RESISTOR 1.8kΩ 1/16W J C7013 NCB31HJ-391X C CAPACITOR 390pF 50V J R0205 NRSA63J-101X MG RESISTOR 1.00Ω 1/16W J C7018 NCB31AK-105X C CAPACITOR 1uF 10V K R0206 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7006         NDC31HJ-150X         C CAPACITOR         15pF 50V J         R0137         NRSA63J-151X         MG RESISTOR         150Ω 1/16W J           C7007         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0138         NRSA63J-330X         MG RESISTOR         33Ω 1/16W J           C7012         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0140         NRSA63J-182X         MG RESISTOR         1.8kΩ 1/16W J           C7013         NCB31HK-103X         C CAPACITOR         0.01uF 50V K         R0141         NRSA63J-472X         MG RESISTOR         4.7kΩ 1/16W J           C7017         NDC31HJ-391X         C CAPACITOR         390pF 50V J         R0205         NRSA63J-101X         MG RESISTOR         100Ω 1/16W J           C7018         NCB31AK-105X         C CAPACITOR         1uF 10V K         R0206         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J           C7025         NCB31CK-104X         C CAPACITOR         0.1uF 16V K         R0207         NRSA63J-331X         MG RESISTOR         330Ω 1/16W J	C7002 C7003							
C7012 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0140 NRSA63J-182X MG RESISTOR 1.8kΩ 1/16W J C7013 NCB31HK-103X C CAPACITOR 0.01uF 50V K R0141 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C7017 NDC31HJ-391X C CAPACITOR 390pF 50V J R0205 NRSA63J-101X MG RESISTOR 100Ω 1/16W J C7018 NCB314K-105X C CAPACITOR 1uF 10V K R0206 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C7013 NCB31HK-103X C CAPACITOR 0.01uF 50V K R0141 NRSA63J-472X MG RESISTOR 4.7kΩ 1/16W J C7017 NDC31HJ-391X C CAPACITOR 390pF 50V J R0205 NRSA63J-101X MG RESISTOR 100Ω 1/16W J C7018 NCB31AK-105X C CAPACITOR 1uF 10V K R0206 NRSA63J-331X MG RESISTOR 330Ω 1/16W J C7025 NCB31CK-104X C CAPACITOR 0.1uF 16V K R0207 NRSA63J-331X MG RESISTOR 330Ω 1/16W J	C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7018 NCB31AK-105X C CAPACITOR 1 1 10 10 10 10 10 10 10 10 10 10 10 10	C7013	NCB31HK-103X				NRSA63J-472X		
	C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R0209	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0214	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0221 R0222 R0225	NRSA63J-101X NRSA63J-102X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 1kΩ 1/16W J	R1107 R1108	NRSA63J-331X NRSA63J-681X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 680Ω 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0231 R0232 R0233	NRSA63J-472X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 0Ω 1/16W J	R1205 R1206	NRSA63J-561X NRSA63J-471X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 470Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0238	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0240 R0241	NRSA63J-182X NRSA63J-472X	MG RESISTOR	1.8kΩ 1/16W J	R1303 R1304	NRSA63J-101X NRSA63J-332X	MG RESISTOR MG RESISTOR	100Ω 1/16W J
R0241 R0242 R0243	NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	R1305	NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J
R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0305 R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0309 R0310	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1404 R1405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0311	NRSA63J-101X NRSA63J-472X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 4.7kΩ 1/16W J	R1406	NRSA63J-561X NRSA63J-471X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 470Ω 1/16W J
R0314	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R2152	NRSA63J-0R0X		0Ω 1/16W J
R0327 R0328	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3001	NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0334 R0337 R0338	NRSA63J-472X NRSA63J-271X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 270Ω 1/16W J	R3012 R3013	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0338	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3042	NRSA63J-201X NRSA63J-562X	MG RESISTOR	200Ω 1/16W J
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3043	NRSA63J-821X	MG RESISTOR	5.6kΩ 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	R3044		MG RESISTOR	820Ω 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1011	NQL093K-R10X	COIL	0.1uH K	R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1029	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
111023	1411O/1000-100A	WIG INLUIGION	10K22 1/ 10 VV U	110004	INITOLOGO-O TOX	WIO INCOIOTOR	0122 1/ 1044 A

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3096 R3097	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R6031 R6034	NRSA63J-101X NRSA63J-102X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 1kΩ 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3099 R3100	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R6038 R6039	NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3102 R3103	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R6043 R6048	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3105 R3106	NRSA63J-510X NRS144J-0R0X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 0Ω 1/4W J	R6058 R6059	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3114 R3116	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6510 R6512	NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3120 R3122	NRSA63J-220X NRSA63J-220X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 22Ω 1/16W J	R6514 R6515	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3152 R3153	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6529 R6531	NRSA63J-473X NRSA63J-102X	MG RESISTOR MG RESISTOR	47kΩ 1/16W J 1kΩ 1/16W J
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3160 R3161	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6533 R6534	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3166 R3167	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6537 R6538	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	R6540	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3170 R3171	NRS144J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/4W J 0Ω 1/16W J	R6541 R6544	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R6547	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3207 R3502	NRS144J-0R0X NRSA63J-510X	MG RESISTOR MG RESISTOR	0Ω 1/4W J 51Ω 1/16W J	R6548 R6550	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6558	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3505 R3507	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R6563 R7001	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3511 R3514	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7003 R7004	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3518 R3520	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7006 R7007	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3524 R3525	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7010 R7011	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R3527 R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3529 R3531	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7015 R7016	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3536 R3538	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7018 R7021	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3542 R3544	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7024 R7029	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4005 R4006	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J	R7037 R7039	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4008 R4015	NRSA63J-101X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 0Ω 1/16W J	R7042 R7043	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4018 R4019	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R7049 R7057	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R4024 R4027	NRSA63J-101X NRSA63J-103X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J	R7060 R7061	NRSA63J-473X NRSA63J-104X	MG RESISTOR MG RESISTOR	47kΩ 1/16W J 100kΩ 1/16W J
R4035 R4037	NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J	R7064	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J
R4037 R4039	NRSA63J-103X NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7065 R7066	NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R4041 R4042	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J	R7067 R7068	NRSA63J-151X NRSA63J-101X	MG RESISTOR	150Ω 1/16W J
R4042 R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R7069	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 0Ω 1/16W J
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4056 R4057	NRSA63J-102X NRSA63J-221X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 220Ω 1/16W J	R7077 R7078	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R4058 R4059	NRSA63J-221X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 0Ω 1/16W J	R7079 R7080	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4061	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R7086 R7087	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R4064 R4065	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4102 R4103	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R7090 R7093	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4105 R4106	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	R7095 R7098	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

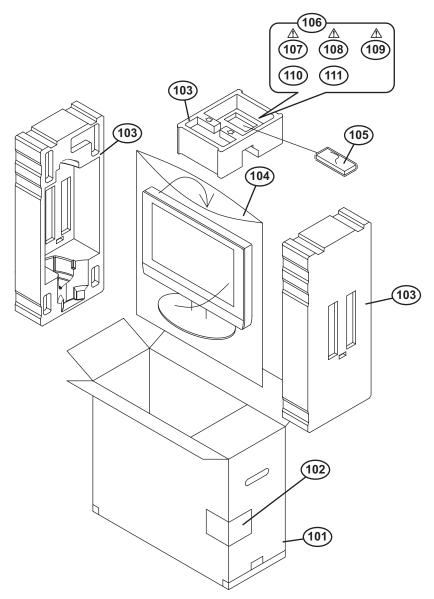
⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J	R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7111	NRSA63J-103X		10kΩ 1/16W J	R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7725	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7144	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7145	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7146	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3002 RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7158	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7202	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7203	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7204	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7206	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7207	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7208 R7209	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7210	NRSA63J-152X NRSA63J-103X	MG RESISTOR MG RESISTOR	1.5kΩ 1/16W J 10kΩ 1/16W J	RA3032 RA3502 RA3506 RA3508	NRZ0040-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J
R7211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7212	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7214 R7215	NRSA63J-103X NRSA63J-104X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100kΩ 1/16W J	RA3521 RA3523 RA3526	NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J x4
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3531	NRZ0080-510X	NFT RESISTOR	51Ω 1/16W J
R7224	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7501 R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA4007	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA4008	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA4010	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4011	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA4012	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA6515	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7558	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J	RA7007 RA7501	NRZ0040-0R0X NRZ0080-510X	NET RESISTOR NET RESISTOR	0Ω 1/16W J x4 51Ω 1/16W J
R7559 R7560	NRSA63J-101X NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	RA7502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA7503	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7504	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA7505	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7567 R7568	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L0101	NQL092K-R68X	P COIL	0.68uH K
R7569	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	L0102	NQL092K-1R0X	P COIL	1uH K
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0201	NQL092K-R68X	P COIL	0.68uH K
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L0202	NQL092K-1R0X	P COIL	1uH K
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0301	NQL092K-R68X	P COIL	0.68uH K
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0302	NQL092K-1R0X	P COIL	1uH K
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1001	NQR0489-002X	FERRITE BEADS	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1002	NQR0489-002X	FERRITE BEADS	4 = 1117
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	L1003	NQL092K-1R5X	COIL	1.5uH K
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1004	NQR0489-002X	FERRITE BEADS	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1005	NQR0489-002X	FERRITE BEADS	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1006	NQR0489-002X	FERRITE BEADS	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1008	NQL79GM-220X	COIL	22uH M
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1011	NQL79GM-470X	COIL	47uH M
R7708 R7709	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J 10kΩ 1/16W J	L1101 L1102	NQL092K-6R8X NRSA02J-0R0X	P COIL MG RESISTOR	6.8uH K 0Ω 1/10W J
R7710	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J	L1103	NQL093K-1R0X	P COIL	1uH K
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1104	NQL093K-R10X	COIL	0.1uH K
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1201	NQL092K-6R8X	P COIL	6.8uH K
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1203	NQL092K-1R0X	P COIL	1uH K

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
L1301	NQL092K-3R3X	COIL	3.3uH K	CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
L1303	NQL092K-1R0X	P COIL	1uH K	CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
L1304	NQL093K-R10X	COIL	0.1uH K	J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IŃ
L1401	NQL092K-3R3X	COIL	3.3uH K	K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1403	NQL092K-1R0X	P COIL	1uH K	K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1404	NQL093K-R10X	COIL	0.1uH K	K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K1004	NQR0489-002X	FERRITE BEADS	
L1533	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1534	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7503	NQR0389-003X	FERRITE BEADS	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K9001	NQR0413-003X	FERRITE BEADS	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K9002	NQR0413-003X	FERRITE BEADS	
L3013	NQL093K-R10X	COIL	0.1uH K	LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
L3014	NQL093K-R10X	COIL	0.1uH K	LC0519	NQR0416-001X	EMI FILTER	240pF 16V M
L3015	NQL093K-R10X	COIL	0.1uH K	LC0522	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%
L3501	NQR0413-003X	FERRITE BEADS		LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z
L4001	NQR0413-003X	FERRITE BEADS		LC0527	NQR0483-006X	EMI FILTER	
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC6501	NQR0479-001X	EMI FILTER	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC7004	NQR0483-003X	EMI FILTER	
L6501	NQR0351-001X	FERRITE BEADS		LC7501	NQR0483-006X	EMI FILTER	
L6502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC7502	NQR0483-006X	EMI FILTER	
L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	SL7001	NAX0613-001X	C RESONATOR	
L6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	TP9001	LC42312-001A	EARTH TERMINAL	
L6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	TP9002	LC42312-001A	EARTH TERMINAL	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	TP9003	LC42312-001A	EARTH TERMINAL	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X1001	NAX0642-001X	CRYSTAL	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X3001	NAX0635-001X	CXO	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X3003	NAX0668-001X	CXO	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X4001	NAX0669-001X	C RESONATOR	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X7501	NAX0618-001X	CRYSTAL	
L7510	NQL092K-4R7X	COIL	4.7uH K				
L7512	NQR0489-002X	FERRITE BEADS					
L7513	NQR0489-002X	FERRITE BEADS	00.44004.4				
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	RECEIV	/ER P.W. BOAI	RD ASS'Y (SFL0I	F204A-U2)
L9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J			•	•
L9201	NQL71EM-150X	COIL	15uH M	REFER <sup>-</sup>	TO PARTS LIST II	N PAGE 3-20 FOR T	HIS P.W. BOARD.

## REMOTE CONTROL UNIT PARTS LIST (RM-C1811H-1C)

⚠ Ref No. Part No.		Part No.	Part Name	Description		
		2AA070311	BATTERY COVER			

## **PACKING**



## **PACKING PARTS LIST**

⚠	Ref.No.	Part No.	Part Name	Description	Local
<u></u>	101 101 102 102 102 102 103 103 104 104 105 106 107 108 109 110	GA10002-068A-U GA10027-011A-U GA10027-012A-U GA10027-015A-U GA10027-015A-U GA10027-016A-U GA10058-001A-U GA10026-001A-U GA10026-001A-U GA10026-001A-U CA1811H-1C GA30007-001A-U LCT1849-001A-U LCT1849-001A-U LCT1849-001A-U	PACKING CASE PACKING CASE EURO LABEL EURO LABEL EURO LABEL EURO LABEL CUSION ASSY CUSION ASSY FOAM BAG FOAM BAG REMOCON UNIT DOCUMENT BAGS INST BOOK INST BOOK BATTERY WARRANTY CARD	3pcs in 1set 3pcs in 1set  English/German/French/Dutch/Spanish/Italian/Portuguese Norwegian/Finn/Danish/Swedish Russian/Polish/Czech/Hungarian/Romanian/Bulgarian R6P/AA(x2) BT-54027-1E	LT-26S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU LT-26S60BU LT-26S60SU LT-32S60BU LT-32S60BU,LT-26S60SU LT-32S60BU,LT-32S60SU LT-26S60BU,LT-32S60SU LT-26S60BU,LT-32S60SU LT-32S60BU,LT-32S60SU